

09731359_LIST

PLUS Search Results for S/N 09731359, Searched January 14, 2002

5303393
5742509
4330689
4451108
5003577
5768158
6138130
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5321750
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5708663
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4821294
4935867
4954763
4967412
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5404375
5412719
5416847

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5424525
5440705
5442630
5444703

09731359_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09731359 on January 14, 2002

- 4 375/222 (3 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/219 TRANSCEIVERS
 375/222 .Modems (data sets)
- 3 345/698 (2 OR, 1 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL
 DISPLAY
 SYSTEMS
 345/204 DISPLAY DRIVING CONTROL CIRCUITRY
 345/698 .Adjusting display pixel size or pixels per
 given area (i.e., resolution)
- 3 370/463 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/463 .Details of circuit or interface for connectin
 g
 user to the network
- 3 370/524 (2 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/522 ..Signaling (ancillary to main information)
 370/524 ...Using a dedicated signaling channel (i.e.,
 D-channel)
- 2 235/462.31 (1 OR, 1 XR)
 Class 235 : REGISTERS
 235/435 CODED RECORD SENSORS
 235/439 .Particular sensor structure
 235/454 ..Optical
 235/462.01 ...Bar code
 235/462.3Scanner power on/off
 235/462.31Including object detection
- 2 235/462.45 (0 OR, 2 XR)
 Class 235 : REGISTERS

09731359 CLSTITLES

235/435 CODED RECORD SENSORS
 235/439 .Particular sensor structure
 235/454 ..Optical
 235/462.01 ...Bar code
 235/462.43Specified housing or mounting detail
 235/462.45Hand-held (e.g., portable)

2 369/47.12 (2 OR, 0 XR)
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
 369/47.1 CONTROL OF STORAGE OR RETRIEVAL OPERATION BY A
 CONTROL SIGNAL TO BE RECORDED OR REPRODUCE

D

369/47.12 .For copying

2 369/85 (0 OR, 2 XR)
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
 369/84 DUPLICATION OR COPYING (E.G., RERECORDING)
 369/85 .To diverse type of storage medium

2 370/527 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/522 ..Signaling (ancillary to main information)
 370/527 ...Superimposed or modulated on principal
 information

2 370/529 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/529 ..Information superimposed on other informatio

n

2 379/88.13 (1 OR, 1 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
 379/88.13 .Multimedia system (e.g., voice output combine
 d
 with fax, video, text, etc.)

09731359_CLSTITLES

2	380/276	(0 OR, 2 XR)	
	Class	380 :	CRYPTOGRAPHY
	380/255		COMMUNICATION SYSTEM USING CRYPTOGRAPHY
	380/275		.Speech scrambler detail
	380/276		..Including sampling
2	455/12.1	(0 OR, 2 XR)	
	Class	455 :	TELECOMMUNICATIONS
	455/7		CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
			RETRANSMISSION OF SAME INFORMATION)
	455/11.1		.Portable or mobile repeater
	455/12.1		..Space satellite
2	707/503	(1 OR, 1 XR)	
	Class	707 :	DATA PROCESSING: DATABASE AND FILE
			MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING			
	707/500		DOCUMENT PROCESSING
	707/503		.Spreadsheet
2	707/504	(0 OR, 2 XR)	
	Class	707 :	DATA PROCESSING: DATABASE AND FILE
			MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
ROCESSING			
	707/500		DOCUMENT PROCESSING
	707/503		.Spreadsheet
	707/504		..Cell format control

09731359_QUAL

5303393 99
5742509 98
4330689 98
4451108 98
5003577 98
5768158 98
6138130 98
4905181 98
5321750 98
5481657 98
5488653 98
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5276867 98
5361296 98
5404375 98
5412719 98
5416847 98
5424525 98
5440705 98

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5442630 98
5444703 98

above 1
abs 1
accepting 1
access 1
accessed 1
accessibility 1
accordance 4
acute 1
adapted 1
addition 2
additional 1
administrative 1
advertizing 3
after 1
agencies 2
agency 2
alleviated 1
allowing 1
also 9
altogether 2
amount 4
amounts 1
an 13
and 61
another 1
any 6
approaches 1
are 6
arise 2
arises 1
art 5
as 9
aspect 2
assessed 2
asset 3
assets 8
associated 4
at 7
attained 1
autolog 1
automatically 1
back 1
background 1
bandwidth 3
based 4
be 20
becomes 1
being 1

between 2
both 3
brief 1
brochure 1
business 1
businesses 2
by 34
can 14
capabilities 1
capacity 1
cataloging 1
certain 2
charge 6
charges 1
chart 2
charts 2
clients 1
color 1
communicating 1
communication 5
compact 1
compiled 1
compressed 1
compressing 7
compression 4
comprise 2
comprises 3
comprising 1
computer 1
computers 1
constructed 1
consumed 1
contained 3
containing 3
context 1
control 1
conversion 1
copies 2
copy 9
correction 2
corrections 1
corresponding 3
costs 3
create 2
created 2
data 63
deficiencies 3
defines 5

defining 2
 degradation 1
 degree 2
 delays 1
 deleted 1
 delivered 1
 delivering 1
 delivery 6
 demand 1
 depictions 1
 depleting 1
 described 1
 description 3
 designed 1
 desirable 1
 desired 1
 develop 3
 developed 9
 developer 7
 developing 14
 device 15
 differences 2
 different 2
 difficulties 1
 digital 51
 digitization 1
 digitized 2
 digitizing 2
 directing 1
 discriminating 1
 disk 1
 disks 2
 distributable 1
 document 5
 download 3
 downloading 1
 drawbacks 3
 drawings 1
 due 1
 each 3
 effectively 1
 efficiently 2
 either 1
 electronic 3
 electronically 5
 embodiment 4
 embodiments 12
 employed 4

engine 5
enj 1
entire 1
entities 1
environment 2
event 2
events 2
every 2
example 2
explosive 1
facility 6
field 1
fig 8
figs 2
file 11
find 1
first 31
floppy 2
flow 4
following 3
for 50
foregoing 4
form 4
format 4
forward 1
forwarding 1
fourth 2
frequently 1
from 16
further 3
future 2
generally 2
growth 1
handler 1
hard 3
has 5
have 4
heightened 1
high 6
host 5
housekeeping 1
identified 4
identifier 1
identifies 1
identify 1
identifying 1
if 1
illustrates 1

illustrating 4
illustration 1
image 18
images 16
impacted 1
importance 1
important 1
in 62
include 2
includes 16
incorporate 1
incorporating 1
incorporation 1
increased 1
increasing 1
indeed 1
indication 2
indicative 1
industries 1
inefficiencies 1
inefficient 1
information 3
inherently 1
inhouse 1
input 1
inputs 5
instances 5
instructions 3
intensified 1
interconnected 1
internet 1
into 1
invention 7
inventive 1
invfl 1
involved 1
is 23
it 3
job 17
jobber 1
lack 1
language 2
large 1
lead 1
leads 2
least 7
less 1
life 1

like 6
line 3
lob 1
locate 1
locating 1
location 3
login 1
loss 1
low 5
made 1
magnetic 1
maintained 1
management 10
managing 2
may 3
means 29
media 1
mediums 1
memory 3
method 2
mid 1
miniaturized 1
modifications 1
monitoring 1
more 5
moreover 1
movie 1
must 1
need 3
network 1
none 1
noted 1
occurring 1
of 112
off 2
often 4
on 7
one 14
only 1
operation 1
optical 1
or 21
order 30
orders 1
other 1
others 1
outside 7
overall 1

overcome 3
overcomes 2
oying 1
page 2
parameter 6
part 1
particular 2
particularly 2
party 1
permitting 1
photographs 3
plurality 3
position 1
possible 5
predefined 1
preferred 3
present 4
presently 1
print 1
printed 3
printer 4
prior 5
problems 1
procedures 1
process 3
processes 1
processing 1
product 1
products 1
prominent 1
provided 13
provider 3
providing 6
publication 5
publications 1
published 1
publishing 3
pursuant 1
quality 1
quantity 1
quickly 1
rapidly 1
re 3
reacted 1
ready 1
received 7
receiving 8
recorded 1

recording 1
redundancies 1
relates 1
remote 4
repeated 1
repeating 1
representative 1
requesting 2
requirement 3
resolution 11
response 3
responsive 3
result 1
retained 1
retouching 1
returns 1
role 1
router 3
routine 3
routing 7
runs 1
safely 1
same 1
scanning 3
schematic 1
searchable 1
searching 5
second 18
selected 1
selective 1
separate 1
server 8
set 20
sets 4
shipping 1
ships 1
should 1
shown 2
significantly 1
single 1
some 8
specified 3
steps 1
storage 24
store 1
stored 9
stores 1
storing 12

subsequently 1
subset 9
such 13
suffered 1
system 32
take 1
teachings 1
tee 2
than 1
that 4
the 227
their 2
themselves 1
then 2
thereof 1
these 6
they 2
third 4
this 1
those 1
through 1
thus 1
time 2
to 55
together 2
tracker 2
tract 1
transmitting 1
transparencies 4
transparency 1
tton 1
two 1
type 3
typically 1
undesirable 1
unmary 1
unprecedented 1
use 5
user 34
users 3
utilize 1
utilized 2
utilizing 1
value 2
via 1
virtually 1
way 1
where 4

09731359_WDS

wherein 1
which 2
while 1
with 18
work 8

File 634:San Jose Mercury Jun 1985-2000/Sep 17
(c) 2000 San Jose Mercury News
File 635:Business Dateline(R) 1985-2000/Sep 23
(c) 2000 Bell & Howell
File 647:CMP Computer Fulltext 1988-2000/Sep W1
(c) 2000 CMP
File 674:Computer News Fulltext 1989-2000/Sep W1
(c) 2000 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

Set	Items	Description
S1	1350982	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	351169	S1(3N) (SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	575477	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	1140	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	1708438	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	893885	ACCEPT? OR RECEIV?
S7	928157	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	18604	NUMBERED OR CODED OR NUMERICAL?
S9	0	S2(S)S3()S4(S) (S5 OR S6) (S)S7
S10	24	S1(S)S5(S)S3(S)S4
S11	1	S10(S)S8
S12	1	S10(S)S6(S)S7
S13	1	RD S12 (unique items)
S14	4	S10(S)S7
S15	0	S14 NOT (PY=>1995 OR PD=>951224)
S16	0	S15 NOT S13
S17	178	PICTUREVISION OR PICTURE()VISION
S18	94	S17(S)S3
S19	4	S18(S)S6
S20	0	S19 NOT (PY=>1995 OR PD=>951224)
S21	4	RD S19 (unique items)
S22	4	S21 NOT (S13 OR S16)
S23	7	S10 NOT (PY=>1995 OR PD=>951224)
S24	7	RD S23 (unique items)
S25	7	S24 NOT (S22 OR S13 OR S16 OR S20)

39 Photo CD
40 Output interface
41 **Picture** disc
42 Automatic arrange-it unit
43 Camera
44 Automatic build-it unit
45 Housing
46 Media writer
47 Series link button
49 Promote to lead button
50 **Receiving** step
51 LCD
52 Transforming step
53 Viewfinder
54 Accumulating step
55 Microphone
56 Interpreting and classifying step
58 Automatic gathering and co-**processing** step
60 Establishing correspondence step
62 Formatting step
70 Checking step
72 Cataloguing step
74...step
84 Removing step
94 Collecting step
96 Setting-up step
98 Enabling step
100 **Receiving** step
102 Updating step
104 **Receiving** step
106 Looking-up step
108 Relaying step
120 Accessing step
122 Determining step
124...

...Calculating step

206 Summing step
208 Storing step
210 Determining step
212 Loading step
214 **Processing** step
A First data field
B Bi-level code field
C Tone series field
D Bi-level encoded start sentinel
E **Digital** data stream field
F Data start sentinelthe accumulating step 54 (Figure 2), involves first accessing...

...data stream with the parser 36, at step 120. The parser then determines whether an **image** data boundary is detected, at step 122. If a new boundary is found, a new **image** data file is created, at step 124, and the header tagged, at step 126. The file **image** data is then entered, at step 128 until the end of the **image** boundary is detected, at step 130.

Once the end of the image boundary is found...and method. Additionally, the present invention provides the feature of managing and sequencing groups of **orders** for photofinishing services that result in an integrated image and audio product.

20 Photofinishing system
22 **Order** manager
23 Conventional photographic film
25 IX media reader
26 Electronic still camera
27 Film **Digital** data file storage unit
39 Photo CD
40 Output interface

41 **Picture** disc
42 Automatic arrange-it unit
43 Camera
44 Automatic build-it unit
45 Housing
46 Media writer
47 Series link button
49 Promote to lead button
50 **Receiving** step
51 LCD
52 Transforming step
53 Viewfinder
54 Accumulating step
55 Microphone
56 Interpreting and classifying step
58 Automatic gathering and co-**processing** step
60 Establishing correspondence step
62 Formatting step
70 Checking step
72 Cataloguing step
74...

...step

84 Removing step
94 Collecting step
96 Setting-up step
98 Enabling step
100 **Receiving** step
102 Updating step
104 **Receiving** step
106 Looking-up step
108 Relaying step
120 Accessing step
122 Determining step
124...

...Calculating step

206 Summing step
208 Storing step
210 Determining step
212 Loading step
214 **Processing** step
A First data field
B Bi-level code field
C Tone series field
D Bi-level encoded start sentinel
E **Digital** data stream field
F Data start sentinel

12/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:European Patents
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00945481

Image handling method and system incorporating coded instructions
Kodierte Anweisungen enthaltendes Bildverarbeitungsverfahren und -system
Procede et systeme de traitement d'image comprenant des instructions codees
PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Dellert, David William, Eastman Kodak Company, Patent legal staff, 343
State Street, Rochester, New York 14650-2201, (US)
Tesavis, Carl Joseph, Eastman Kodak Company, Patent legal staff, 343
State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Parent, Yves et al (17684), KODAK INDUSTRIE, Departement Brevets, CRT -
Zone Industrielle, 71102 Chalon-sur-Saone Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 858207 A2 980812 (Basic)
APPLICATION (CC, No, Date): EP 98200120 980119;
PRIORITY (CC, No, Date): US 792612 970131
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: H04N-001/00;
ABSTRACT WORD COUNT: 138

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9833	1182
SPEC A	(English)	9833	8538
Total word count - document A			9720
Total word count - document B			0
Total word count - documents A + B			9720

...SPECIFICATION on the film using a camera or other apparatus as mentioned above. At the selected **processor** -scanner station the user requests the type of **processing** and hardcopy **images** (for example, just negatives or additionally, reflective prints) desired and requests that an **image** set signal corresponding to the **image** set on film 48 be produced. These requests are made by checking appropriate boxes on a film **processing** envelope into which film 48 will be deposited, or can be magnetically recorded on film...

...to be read by reader 7 and further appropriate hardware/software. Film 48 will be **processed** (that is, chemically **processed** to yield a permanent **image** , which is sometimes references as "**developing** ") to generate a corresponding negative set 52 and a corresponding print set 50. Different negative...

...52 from different corresponding films 48, will be batched together with negative sets from other **orders** requesting the scanning service, and **images** on the **processed** films carrying magnetic data indicating those **images** are to be scanned, will be scanned using high volume scanner system 6. As described earlier, each scanner system 6 will generate from each negative set 52, a corresponding **digital image** set signal and will also generate an associated identification signal for each **image** set signal. The identification signal includes a unique scanner location identification as discussed above, and in more detail below. The **image** set signal can be in any suitable format that will be **acceptable** to hub station 20, such as TIFF, JFIF, BMP, PICT, GIF, PhotoCD or particularly the recently announced FlashPix format. The identification signal will be associated with a corresponding **image** set signal, along with the corresponding hub station address identification and category identification.

A FlashPix...

12/3,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:European Patents
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00701391

Colour negative scanning and transforming into colours of original scene
Abtastung von Farbnegativen und Umwandlung in die Farben der Originalszene
Analyse de negatifs en couleurs et transformation en couleurs de la scene
originale

PATENT ASSIGNEE:

AGFA-GEVAERT N.V., (200390), Septestraat 27, 2640 Mortsel, (BE),
(Proprietor designated states: all)

INVENTOR:

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Septestraat 27, B-2640 Mortsel, (BE)
Tuijn, Chris, c/o Agfa-Gevaert, naamloze vennootschap, DIE 3800,
Septestraat 27, B-2640 Mortsel, (BE)
PATENT (CC, No, Kind, Date): EP 667706 A1 950816 (Basic)
EP 667706 B1 991110
APPLICATION (CC, No, Date): EP 95200076 950113;
PRIORITY (CC, No, Date): BE 94178 940215
DESIGNATED STATES: BE; DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: H04N-001/60
ABSTRACT WORD COUNT: 185

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9945	1888
CLAIMS B	(German)	9945	1656
CLAIMS B	(French)	9945	2023
SPEC B	(English)	9945	10938
Total word count - document A			0
Total word count - document B			16505
Total word count - documents A + B			16505

...SPECIFICATION DESCRIPTION OF THE INVENTION

Referring to Fig. 1, a system is represented diagrammatically from the **image** acquisition to the display of **digital** signals on a video display unit 39. A scene 31 is lit by a given...

...and converges the light-rays provided by a single point of the scene on the **picture** element thereof on a photographic carrier 33 situated in camera 32. The converged light exposes...

...as a function of the wavelength range, the photosensitive coatings of carrier 33. A latent **image** is formed thereby. Next, photographic carrier 34 is fed into a **processor** 35, in which the latent **image** is **developed**. After **processing** the latent **image** is visually perceptible as a colour negative **picture** on photographic carrier 34. Thereupon, the carrier is exposed in the digitiser to lamp 36...

...transparent carrier 37 and is filtered by the dyes, which are forming the visually perceptible **image**. In an optical path the light modulated by the dyes is passed through three filters...

...red filter 43 is described herein below, a similar description being applicable to the remaining **image** signals (green and blue). The red light, which is transmitted by this filter, reaches along...

...specified voltage range of the ADC. ADC 46 converts the analogue voltage signal into a **digital** signal r' with a fixed number of bits. In the state-of-the-art colour...

...so that 256 equidistant levels of $V(R)$ can be differentiated.

High-performance scanners for **graphic** art applications are currently equipped with an ADC generating twelve (as illustrated on the figure...

...adjustability of G and V_0) is generally not required, because a window may be selected **digitally** from the available levels later on. In the case of systems with an eight-bit...

...usually adjustable, depending on the density range of the carrier to be scanned.

Currently, the **image** will be scanned twice, once during the pre-scan step and once during the final...

...a system, in which the ADC generates a sufficient number of bits, the broadest possible **digital** window is chosen during the pre-scan. The pre-scan is determining the size of...

...with the specified input voltage of the ADC. As will be explained herein below, the **image** signals obtained from the pre-scan determine the values of G and V0)), which are specific for the **image** .

The FOCUS COLOR (trademark of Agfa-Gevaert N.V.) scanner manufactured and **distributed** by Agfa-Gevaert N.V., Mortsels, is an eight-bit colour scanner, in which the...

...time. The HORIZON (trademark of Agfa-Gevaert N.V.) scanner also a system manufactured and **distributed** by Agfa-Gevaert N.V., Mortsels, is a system with a nine-bit ADC, also...

...TR)), TG)) and TB)) as a result of which densities below the lowest in the **image** and above the highest are not further **processed** . In the ACS 100, a high-performance scanner for **graphic** art applications of Agfa-Gevaert N.V., is equipped with a thirteen-bit ADC and exhibits a variable integration time due to optical enlargements of the original **image** . The tone curve of said scanner **accepts** thirteen bit as input which is sufficient for the system's supplying an eight-bit...

...obtained from the ADC - is converted by means of the tone curve TR)) into a **digital** (corrected) red colour value r. The way of proceeding and drafting the tone curve TR...

...for red, green and blue, convert the pixel values r', g' and b' of a **digital** representation of the negative **picture** into a **digital** representation of the positive **picture** with pixel values r, g and b.

If the **digital** colour value g for green and colour value b for blue have been obtained in a similar way, the **image** signals are already suitable for the true-colour rendering of neutral tones in the scene as well as very suitable for supplying **images** that can be further manipulated in an interactive way for use in colour applications, such...

...PHOTOSHOP (trademark of Adobe Inc.). Furthermore, a correction of colour shifts resulting from the photographic **process** is usually required. This is achieved by combining the colour values r, g and b...

...display unit 39 controlled in response to these R, G, B signals will reproduce an **image** that is, within the limits of the colour gamut of the display unit, a reproduction of true colour of the scene. Consequently, such **images** are very suitable as a base for reproducing reproductions of the original scene.

Referring to...

...analogue gain G and the reference voltage V0)) or of determining the limits for the **digital** window. A pre-scan step is intended for determining the density range of the **image** carrier. To that end, the scan should cover the full density range, which is varying...

...D, the ACS 100 of 0-3 D. Matched with the density range of the **image** to be digitised the dynamic range can be curtailed by adjusting the integration time for...

...optical path and by judiciously selecting the gain G in the analogue electrical path.

In **order** to determine the density range of the **image** to be digitised, for each of the colour components the minimum and maximum densities in the **image** have to be found. In the art the minimum density tones are called the highlights...

...density tones are called the shadows. They may be found by e.g. an interactive **process** or by analysing an histogram for each of the colour components.

The interactive **process** requires that the user marks the 'white point' in the scene. On the colour negative **picture** obtained from the pre-scan, it corresponds to the darkest point on the **image**. The user moves a mark on the screen to that point on the **image** and informs the system that the selected point is the 'white point'. As a result...

...effect of such scanning problems may be neutralised by using noise suppression procedures.

For the **image** signals derived from the red colour component the minimum density denoted on Fig. 2 by...

...maximum density DMR)) are obtained. The same applies to respectively DmG)) and DMG)) for the **image** signals derived from the green separation **image** and DmB)) and DMB)) derived from the blue separation **image**.

In scanners equipped with but an eight-bit ADC an optimum setting of the gain...

...the analogue circuit is advantageous so that an optimum use can be made of the **digital** capacity for the colour values for representing useful densities, i.e. densities that are actually found within the density range of the **image** to be digitised, avoiding thereby that colour values would be associated to densities that are not occurring in the **image**.

Upon setting G and V0)) the occurrence of an unwanted colour shift should be avoided...

...a setting for the gain G will have an adverse effect. Indeed, if the scanned **image** is obtained partly from a fully transparent area on, or next to the **image** carrier, some CCD elements may reach a supersaturated state and give rise to an effect...

...will also reach a saturated state without apparent cause for such effect in the scanned **image** on that particular location.

The specific setting of G and V0)) is aiming at representing...

...this way, it can be achieved that in, e.g., an eight-bit system a **picture** element of the darkest neutral point in the scene will be **imaged** on the pixel value $(r', g', b') = (255, 255, 255)$ and the lightest neutral point...

...rise to the pixel value $(0, 0, 0)$. In case of a system with a **digital** window function, $r'mR))$ and $r'MR))$ corresponding to respectively $D'mR))$ and $D'MR))$.

...planes, i.e. the set of colour values for one single colour component on the **image**, a tone curve is determined respectively $TR))$, $TG))$ and $TB))$. Tone curve $TR))$ transforms the electrical colour value r' into a **digital** colour value r . In a similar way, g is derived from g' by means of...

...in a way that for all neutral tones in the scene not only the three **digital** colour values r , g and b have a common **digital** colour value k , i.e. $k = r = g = b$, but that there is also a...

...between the luminance $LV))$ of a neutral tone in the scene and the corresponding common **digital** colour value k : The constants s and t can be calculated explicitly by substituting the...

...table $TR))$ (look-up table or LUT) transforming the electrical colour value r' into the **digital** colour value r is explained. To that end, for every possible value r' the corresponding...for s and t by solving the linear system $(1a, 1b)$. A value for the **digital** red colour value r is obtained, which is corresponding to the electrical red colour value...

...preferably a value r of $r = r_{max}))$ is adopted. The latter two conditions implement the **digital** window function.

The steps for calculating r from r' are performed for each of the...

...the ADC, can be utilised as an index in the LUT defining TR) and the **digital** colour value r will result immediately from the indexing step. The tone curve TR) may...

...according to a similar procedure as described for TR)

The transformation need not be performed **digitally**. It is conceivable that it is performed by means of electronic circuits on analogue electrical colour values r' , g' and b' , whereupon an ADC immediately provides the **digital** colour values r , g and b that are linearly related to LV)

It is furthermore...

...the function g in r' , the further procedure being similar to the above description.

The **digital** pixel values r , g , b are a faithful reproduction of the luminance of points of...

...explained further herein below. First, the conversion of electrical colour values r' , g' , b' into **digital** colour values r , g , b and their further transformation into colour-corrected colour values R ...
... LV) by taking the antilogarithm, it is advantageous to transform $\log(LV)$ linearly to the **digital** colour value, e.g. r . An optimum use of the available **digital** capacity, e.g. 256 values in case of an eight-bit **digital** colour value, can be provided by imaging $\log(Lm)$ on 0 and $\log(LM)$ on...neutral tones in the scene. A similar statement applies to TG) and TB). Next, the **digital** pixel values r , g , b can be transformed to colour-corrected pixel values respectively R ...

...proportional to $\log(LV)$ and the result R' , G' and B' should meet a given **digital** capacity (e.g. 0,255) as close as possible.

The so obtained colour-corrected colour...

...are selected again in a way that an optimum use is made of the **digital** capacity for R , G and B . Consequently, a grey swatch in the scene with luminance...

...on the x-axis of the film curve is proportional to the luminance of the **imaged** point of the scene LV) on the x-axis of the system curve. The proportionality...

...arbitrarily, since it will be eliminated by the linear transformations optimising the use of the **digital** capacity. Furthermore, the optical density on the y-axis of the characteristic film curve and...

...at fog level D_{fog}), i.e. the optical density measured on a strip of unexposed **processed** film. As the value measured may vary for all three colour components, distinction is made between D_{fogR}), D_{fogG}) and D_{fogB}). On a strip unexposed **processed** film, e.g. on the area between two recordings, the colour densities D_fR), D_fG) and...

...will determine to which extent the characteristic film curve has to be shifted downwards, in **order** to be an approximation of the characteristic system curve. If the film curve is given...

...the difference as stated above. In this way, a characteristic system curve suitable for the **process** of the present invention may be obtained from the characteristic film curve. The determination of...

...effected on the occasion of the pre-scan. The actual digitisation of the colour negative **picture** is thus preceded by a short calibrating step

determining the optimum scanner settings (gain G and reference voltage V0)) or digital window function based on the density range and derived subject brightness range) as well as...

- ...material. There is no need for having the disposal of a full characteristic curve in graphic form or in tabular form, nor for measuring the optical densities at fog level. In...
- ...of the scanner type that will be used for the digitisation of the colour negative pictures. In a standardised environment a test target is photographed on the negative material to be characterised.

The latent image is developed and the obtained developed colour negative picture is scanned on the scanner to be characterised. For a number of points on the negative image, with a neutral tone in the scene, the luminance LV)) in the ...a colour temperature of 5000 K. The IT8.7/2 reference target is a colour image defined by IT8 SC4, i.e. Subcommittee 4 (Color) of ANSI Committee IT8 (Digital Data Exchange Standards). It is particularly suitable for reflective image carriers. The full reference target is composed of separate swatches, each of a distinct grey...

- ...7/2 copy by measurement on a densitometer. The reference target is photographed by a camera containing the negative film material. The diaphragm and the distance to the scene, formed by the reference target, are...
- ...latter doubles, the exposure on the negative material will double as well. By using this process, the subject brightness range of the reference target can be virtually extended. The film is developed and the image corresponding to a single selected standard shutter time is digitised by the scanner. For each...
- ...photosensitive member. The negative logarithm of this exposure, e.g. DR)) for the red separation image, is plotted on the y-axis, and the logarithm of the luminance log(LV)) of...
- ...on the graph. The number of measured points can be increased by digitising also the image obtained with a doubled shutter time. In that case, a luminance that is two times...
- ...the standard shutter time is allocated to the grey swatch in the scene. A similar process can be applied, if need be, at half a shutter time and still further shutter...
- ...absence of salient points.

According to this method, however, if the measured points are irregularly distributed, e.g. due to measuring errors, the curve joining the measured points will show an...

12/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:European Patents
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00675697

Method and apparatus for forming a video signal using motion estimation and signal paths with different interpolation processing.

Verfahren und Vorrichtung zum Bilden eines Videosignals durch Bewegungsschatzung und Signalwege mit verschiedenen Interpolationsverarbeitungen.

Methode et dispositif pour former un signal video a l'aide d'un estimateur de mouvement et de voies de traitement de signal utilisant des procedes d'interpolati

PATENT ASSIGNEE:

THOMSON CONSUMER ELECTRONICS (S.A.), (1090172), 9, Place des Vosges, La Defense 5, F-92400 Courbevoie, (FR), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

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Hackett, Andrew, 11, rue Charles Scheidecker, F-67530 Klingenthal, (FR)
Bolender, Nadine, 3, rue de Verdun, F-67000 Strasbourg, (FR)

LEGAL REPRESENTATIVE:

Hartnack, Wolfgang, Dipl.-Ing. et al (78103), Deutsche Thomson-Brandt
GmbH Licensing & Intellectual Property, Karl-Wiechert-Allee 74, 30625
Hannover, (DE)

PATENT (CC, No, Kind, Date): EP 648047 A2 950412 (Basic)
EP 648047 A3 950621

APPLICATION (CC, No, Date): EP 94115733 941006;

PRIORITY (CC, No, Date): EP 93402506 931011; EP 93117671 931102

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-005/44; H04N-007/01;

ABSTRACT WORD COUNT: 173

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	519
SPEC A	(English)	EPAB95	1365
Total word count - document A			1884
Total word count - document B			0
Total word count - documents A + B			1884

...SPECIFICATION is located within a transmitter and the circuit of Fig. 3 is part of a **receiver**, e.g. a TV **receiver**. Then, circuit ME may extract the matching error and/or the motion vector and/or...

...motion information can also be used in interpolator MCI. Error BME passes through a rank **order** filter ROFI, for instance a median filter, and a first weighting filter L1 operating according...

...the chrominance components.

The invention can also be used for standards conversion, bit rate reduction, **digital** HDTV, **digital** VCR and MPEG1 or MPEG2 devices (IEC/ISO standard). In case of bit rate reduction the fallback **processing** may be intra field coding. ...

12/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:European Patents

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00594000

Automatic optimatization of photographic exposure parameters in fixed focus cameras for the production of images of non-standard sizes and/or for photography us

Automatische Optimierung von photographischen Belichtungsparametern in Apparaten mit festgestellter Brennweite zur Erzeugung von Bildern aussergewöhnlicher Gros

Optimisation automatique des parametres d'exposition photographique dans des appareils a longueur focale fixe pour la production d'images de dimensions hors nor

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York 14650-2201, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Wheeler, Richard Bruce, c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Lewandowsky, Klaus, Dipl.-Ing. (7581), Kodak Aktiengesellschaft, Patentabteilung, 70323 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 596416 A1 940511 (Basic)
EP 596416 B1 990210

APPLICATION (CC, No, Date): EP 93117522 931028;

PRIORITY (CC, No, Date): US 971143 921103

DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G03B-007/08; G03B-017/24;
ABSTRACT WORD COUNT: 142

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9906	1087
CLAIMS B	(German)	9906	949
CLAIMS B	(French)	9906	1278
SPEC B	(English)	9906	46261
Total word count - document A			0
Total word count - document B			49575
Total word count - documents A + B			49575

12/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00327685

POWDER DIFFRACTION METHOD AND APPARATUS.
PULVERDIFFRAKTIONSVERFAHREN UND -VORRICHTUNG.
PROCEDE ET APPAREIL DE DIFFRACTION DE POUDRE.
PATENT ASSIGNEE:

EASTMAN KODAK COMPANY (a New Jersey corporation), (201210), 343 State
Street, Rochester New York 14650, (US), (applicant designated states:
DE;FR;GB)

INVENTOR:

WHITING, Bruce, Raymond, 17 Glendower Circle, Pittsford, NY 14534, (US)

LEGAL REPRESENTATIVE:

Buff, Michel et al (14411), Kodak-Pathe Departement des Brevets et
Licences CRT Centre de Recherches et de Technologie Zone Industrielle,
F-71102 Chalon sur Saone Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 383752 A1 900829 (Basic)
EP 383752 A1 910918
EP 383752 B1 940511
WO 8903526 890420

APPLICATION (CC, No, Date): EP 88900161 871016; WO 87US2669 871016

PRIORITY (CC, No, Date): EP 88900161 871016; WO 87US2669 871016

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G01N-023/207; G01N-023/20;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	575
CLAIMS B	(German)	EPBBF1	491
CLAIMS B	(French)	EPBBF1	668
SPEC B	(English)	EPBBF1	3308
Total word count - document A			0
Total word count - document B			5042
Total word count - documents A + B			5042

...SPECIFICATION e., high doses of x-rays must be given the sample to
achieve a readable **image** with **acceptable** signal to noise ratio. While
conventional x-ray intensifying screens can be employed to increase...

...screens. Film has a limited range of density linearity versus exposure,
typically less than two **orders** of magnitude, so that widely differing
intensities cannot be measured on the same piece of film. Also, film must
be **processed** with wet chemistry which is an inconvenience. Finally, to
utilize computers to analyze the data, the film must be scanned with a
densitometer to convert densities to **digital** data, a time consuming
intermediate step. Generally the scanning is performed on the film strip

14/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00387972

METHOD AND APPARATUS FOR USING MONOCHROME IMAGES TO FORM A COLOR IMAGE
PROCEDE ET APPAREIL UTILISANT DES IMAGES MONOCHROMES POUR FORMER UNE IMAGE
EN COULEUR

Patent Applicant/Assignee:

OPTON CORPORATION

Inventor(s):

SABLE Arthur J

Patent and Priority Information (Country, Number, Date):

Patent: WO 9518990 A1 19950713

Application: WO 94US8562 19940729 (PCT/WO US9408562)

Priority Application: US 94179971 19940110

Designated States: AU BB BG BR BY CA CN CZ FI GE HU JP KE KP KR KZ LK LT LV

MD MG MN MW NO RO RU SD SI SK TJ TT UA UZ VN AT BE CH DE DK ES FR GB GR

IE IT LU MC NL BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 27075

Main International Patent Class: G03F-003/00 ;

Fulltext Availability:

Detailed Description

Detailed Description

... in analog form representing color components red, green and blue, for example, of an image **processed** by the scanner. These signals, together with a sync signal (not shown) which may also...

...and the lens 64 transmitting the blue component to the image area 22 on the **film**. The **camera** employs no color filters.

A controller 76 is provided that may be initiated by an...

13/3,K/1 (Item 1 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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0681325 96-38536

Will new photo system click with consumers
Fehr-Snyder, Kerry
Arizona Republic (Phoenix, AZ, US) pD1
PUBL DATE: 960303
WORD COUNT: 938
DATELINE: US

TEXT:

When top camera makers popped the news about a new high-tech photo system, **cyberspace** was buzzing.

"I'm going on vacation in March and your cameras won't be...

...wrote an AOL member who uses the screen name Gpmsu.

But the powerhouses in the **camera** and **film** business are betting otherwise.

"I suspect the biggest problem will be keeping up with production...
...of the biggest introductions in Kodak's history," said Fisher, who was in Phoenix to **accept** the 1995 Executive of the Year Award from Arizona State University's College of Business...

...the companies designed a new magnetic film cassette that is easier to load into the **camera** .

The new 24mm **film** will be sold in enclosed cassettes that can be dropped directly into the new cameras...

...just by flipping a switch. Consumers can later change the format of any shot by **ordering** . it differently from the photo finisher.

Kodak has **developed** nine cameras under the Advantix brand name, with suggested list prices ranging from \$99 to...

...industry years of internal fighting reminiscent of the Beta/VHS battle and more recently the **digital** video disk competition.

With five of the largest camera and filmmakers backing the system, Fisher...

...the cameras initially will be a hit with consumers and infuse life into the amateur **photography** market. It's the long haul Fisher and the others need to consider.

So, with...

?t14/3,k/all

14/3,K/1 (Item 1 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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2056971 52737642

Snapfish.com Appoints Melissa Barritt Felder Vice President, Consumer
Marketing
Anonymous
PR Newswire p1
Apr 19, 2000
WORD COUNT: 520
DATELINE: San Francisco California

TEXT:

...in annual sales.

About Snapfish.com:

Snapfish.com is positioned to dramatically redefine the consumer **photography** market by providing the first complete photo service that offers film **developing**, printing, storing and sharing online, all for free. Snapfish.com will provide both **film**-based and **digital camera** users with the ability to seamlessly and effortlessly share, store and **order** reprints with unsurpassed security.

Privately held and backed by @Ventures, the affiliated venture capital arm...

14/3,K/2 (Item 2 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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2007653 50863850

Snapfish.com Expands Executive Management Team, Appoints Alisa J. Baker
Vice President of Legal and General Counsel

Anonymous

PR Newswire p1

Mar 9, 2000

WORD COUNT: 602

DATELINE: San Francisco California

TEXT:

...redefine the consumer photography market by providing the first complete photo service that offers film **developing**, printing, storing and sharing online, all for free. Snapfish.com will provide both **film**-based and **digital camera** users with the ability to seamlessly and effortlessly share, store and **order** reprints with unsurpassed security.

Privately held and backed by @Ventures, the affiliated venture capital arm...

14/3,K/3 (Item 3 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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0694666 96-51966

Quick color: The digital revolution in printing

Long, Erin

Indiana Business Magazine (Indianapolis, IN, US), V40 N4 p42

PUBL DATE: 960400

WORD COUNT: 1,442

DATELINE: Indianapolis, IN, US, North Central

TEXT:

...card is then removed and inserted into a special disk drive (part of the camera **purchase** package), where t the photographer uses a **digital** color extraction **process** to manipulate and a fine-tune the **image** before output. Only five **images** can be stored on the card without having to compress the **digital** files, which could mean a loss in resolution. The disk however, can be reused indefinitely...

14/3,K/4 (Item 4 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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0681325 96-38536

Will new photo system click with consumers
Fehr-Snyder, Kerry
Arizona Republic (Phoenix, AZ, US) pD1
PUBL DATE: 960303
WORD COUNT: 938
DATELINE: US

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But the powerhouses in the **camera** and **film** business are betting otherwise.

"I suspect the biggest problem will be keeping up with production...
...the companies designed a new magnetic film cassette that is easier to load into the **camera** .

The new 24mm **film** will be sold in enclosed cassettes that can be dropped directly into the new cameras...

...just by flipping a switch. Consumers can later change the format of any shot by **ordering** . it differently from the photo finisher.

Kodak has **developed** nine cameras under the Advantix brand name, with suggested list prices ranging from \$99 to...

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...the cameras initially will be a hit with consumers and infuse life into the amateur **photography** market. It's the long haul Fisher and the others need to consider.

So, with...

?t22/3,k/all

22/3,K/1 (Item 1 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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0827629 97-87939

Pretty as a picture HP turns to local firm for digital photography help
Starzynski, Bob
Washington Business Journal (McLean, VA, US), V16 N8 p1
PUBL DATE: 970704
WORD COUNT: 622
DATELINE: Herndon, VA, US, South Atlantic

TEXT:

...controls most of the U.S. computer printer market, wants to diversify into the digital **photography** market to create new uses for its other equipment. If consumers can send and **receive photos** over computer networks, they also will want to print those **photos** at home. With next-generation printers, HP can increase the uses and demand for their products. And **PictureVision** can turn any standard camera into a digital camera by simply developing standard film in...

22/3,K/2 (Item 1 from file: 647)
DIALOG(R) File 647: CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01150774 CMP ACCESSION NUMBER: IWK19980119S0065

Get The Picture Online - Storage system lets photo labs expand delivery options

Marianne Kolbasuk McGee
INFORMATIONWEEK, 1998, n 665, PG136
PUBLICATION DATE: 980119
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Channel Strategies
WORD COUNT: 455

... from its Herndon, Va., headquarters. The management software is provided by Open Systems Solutions.

"Allowing photos to be viewed online gives a lot of flexibility to consumers," says **PictureVision** CEO Phil Garfinkle. "You don't have to have reprints made to send to family members-they can **receive** the photo by E-mail or access them on a Web site. There are also...

22/3,K/3 (Item 2 from file: 647)
DIALOG(R) File 647: CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01150291 CMP ACCESSION NUMBER: CRN19980119S0042

VAR zooms in on new market

Marianne Kolbasuk McGee
COMPUTER RESELLER NEWS, 1998, n 772, PG43
PUBLICATION DATE: 980119
JOURNAL CODE: CRN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Channels
WORD COUNT: 524

... from **PictureVisions'** Herndon, Va., headquarters. The management software is provided by Open Systems Solution.

"Allowing photos to be viewed online gives a lot of flexibility to consumers," said **PictureVision** Chief Executive Phil Garfinkle. "You don't have to have reprints made to send to family members-they can **receive** the photo by E-mail or access them on a Web site," he said. "There..."

...who want the extra boost of security offered by negatives, most photo labs offering the **PictureVision** service return a customer's negatives.

The storage capacity of the MetaStor systems are scalable...

22/3,K/4 (Item 3 from file: 647)
DIALOG(R) File 647: CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01115236 CMP ACCESSION NUMBER: CRW19970106S0010

PhotoNet develops

Doug Olenick
COMPUTER RETAIL WEEK, 1997, n 160, PG06
PUBLICATION DATE: 970106
JOURNAL CODE: CRW LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: News
WORD COUNT: 418

... Web site and then order prints.

"Computers, not shoeboxes, are the ideal place to store photographs," said Garfinkle, whose company **receives** a licensing fee from

participating chains, which now include Wolf Camera & Video, Ritz Camera, Konica...

...to retailers varies, but a small independent can expect to pay \$1,500 per year. **PictureVision** has been testing PhotoNet through 15 Wolf Camera stores since February 1996.

The typical cost...

?t25/3,k/all

25/3,K/1 (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2000 San Jose Mercury News. All rts. reserv.

06140074

RAM-CAM CUTS OUT DISTORTION OF CONVERTING IMAGE

San Jose Mercury News (SJ) - Sunday May 19, 1991

By: CRAIG CROSSMAN, Knight-Ridder News Service

Edition: Morning Final Section: Computing Page: 9F

Word Count: 385

...the Model 1, a hand-held still camera that uses no film or tape. The **images** are retained in the camera's random-access memory, or RAM, so every **image** you capture costs you virtually nothing. And because the Model 1 uses computer memory to record the **images** **digitally**, the **photograph** is not distorted by analog **processing**.

In other words, the Model 1 is to photography what the compact disc is to...

25/3,K/2 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
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0449390 94-02256

Styles On Video, Inc. announces agreement to acquire Dycam

De Vreese, Guy

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 931109

WORD COUNT: 437

DATELINE: Canoga Park, CA, US

TEXT:

...expand in directions that heretofore would have been impossible. For example, we see many opportunities **developing** in the area of **digital** imaging technology. **Digital** cameras, with their direct to **digital** **image** recording **process**, have emerged as an accepted alternative to **film**-based camera systems. The **digital** camera will give mobile computers the capability of **digitally** inputting **images** and incorporating them into documents and databases. They will soon replace video monitoring at sites requiring security, such as Automatic Teller Machines. **Digital** cameras provide the simplest way to get **pictures** into a computer.

"At the same time", Mr. DeVreese noted, "Styles on Video's marketing ...

25/3,K/3 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
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0412200 93-64114

Broadcasting access bolstered by center

Blake, Laura

Grand Rapids Business Journal (Grand Rapids, MI, US), V11 N28 s1 p1

PUBL DATE: 930712

WORD COUNT: 504

DATELINE: Grand Rapids, MI, US

TEXT:

...with GRTV and WYCE--which currently operates under GRTV's wing, but is in the **process** of applying for its own 501(c)(3) classification--the community center also will include the Middleton Film Society, an archive of community-produced **films**, **camera** rental and training; The Grand Rapids Institute for Information Democracy (GRIID), which will house eight computer workstations for desktop publishing, **Internet** access, faxing, **graphics** production, electronic bulletin board access, MIDI and other services; and the Community Access **Network** (CAN), an additional cable channel for closed-circuit, intra-institutional communication and satellite downloads.

GRTV...

25/3,K/4 (Item 3 from file: 635)

DIALOG(R) File 635:Business Dateline(R)

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0282160 92-28533

Corporate Profile for TDC (Terminal Data Corp.), Dated March 27, 1992

Anonymous

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 920324

WORD COUNT: 52

DATELINE: Moorpark, CA, US

TEXT:

...Securities Corp., Wedbush Morgan

Securities Inc., Bishop, Rosen & Co. Inc.

Company description: TDC has been **developing** and marketing products for the high-volume, continuous-use segment of the document imaging industry...

...wide variety and condition

of paper. Customers include government agencies, insurance companies, banks, credit card **processing** operations, hospitals, utilities, etc.

TDC's products include:

DS-2000 - High-speed, table-top, double-sided scanners for high-volume use in departmental or **distributed** applications. Scans up to 40 pages per minute.

DS-4000 - High-speed, high-volume, double...

...minute and

mailroom''-type

are used in centralized,

environments.

DocuMate IV - Standalone microfilming systems that **photograph** document **images** on **roll film** or on microfiche.

ScannerMate - High-speed microfilm cameras which are sold to manufacturers of proof encoders, high-speed check reader/sorters, and other equipment used in item **processing** applications where an **image** of each item **processed** is recorded on microfilm.

For fiscal year 1991, which ended Sept. 30, 1991:

Total net...

25/3,K/5

(Item 1 from file: 647)

DIALOG(R) File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

00628025 CMP ACCESSION NUMBER: EWN19890515S0794

TABEven though tape-automated bonding (TAB) has shown great promise, it is not catching on as fast as some experts had expect... (Technology to Watch)

ELECTRONIC WORLD NEWS, 1989, n 001, 1

PUBLICATION DATE: 890515

JOURNAL CODE: EWN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: NWS

WORD COUNT: 747

... been a slow mover since R&D began a decade ago is the electronic still-picture camera. But it has now taken a big step forward with the development of the first truly digital camera by Toshiba Corp. and Fuji Photo Film Co. The camera records images as digital data on a 4-megabit electrically erasable programmable read-only memory (EEPROM) chip. Existing electronic cameras, such as Sony Corp.'s Mavica, take an analog signal and store the image data on a floppy disk. The digital camera has a resolution of 400 horizontal lines, much better than the 300 lines achieved by analog models. Current work aims at refining the 16:1 signal compression technology and developing a 200-megabit storage card. Several years of work are still ahead before such digital images come close to achieving the photo quality of conventional film.

ASICSMixed-signal application-specific integrated...

25/3,K/6 (Item 2 from file: 647)

DIALOG(R) File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

00515550 CMP ACCESSION NUMBER: IWK19920720S2252

OUTSOURCING IN JAPAN

INFORMATIONWEEK, 1992, n 383

PUBLICATION DATE: 920720

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Executive Digest

WORD COUNT: 724

... attracted more than 2,000 professionals intent on exploring the visual arts field known as digital imaging. Among other skills, they can learn how to operate a 35-mm Nikon F3 camera that uses no film but captures its pictures digitally on a computer developed by Kodak. Where Commercial Arts Meet Computer Age, Glenn Rifkin. BIG BLUE ON THIN ICE...

25/3,K/7 (Item 3 from file: 647)

DIALOG(R) File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

00507349 CMP ACCESSION NUMBER: EET19921214S0214

Photo op (The Business of Technology)

Bob Lonadier

ELECTRONIC ENGINEERING TIMES, 1992, n 725, 22

PUBLICATION DATE: 921214

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: News - Business

WORD COUNT: 578

... poor economic conditions have conspired to make that "magic moment" less so for Kodak. With camera sales down and film and processing sales growth anemic, at best, the company's profitability has

stalled, prompting Kodak to divest itself of unrelated businesses, circle the wagons, and brace itself for the next threat: **digital photography** .

To counter that threat, Kodak has teamed with Philips to develop an electronic-storage format...

File 2:INSPEC 1969-2000/Sep W4
(c) 2000 Institution of Electrical Engineers
File 6:NTIS 1964-2000/Oct W3
Comp&distr 2000 NTIS, Intl Cpyrght All Right
File 8:Ei Compendex(R) 1970-2000/Aug W4
(c) 2000 Engineering Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2000/Sep W3
(c) 2000 Inst for Sci Info
File 35:Dissertation Abstracts Online 1861-2000/Jul
(c) 2000 UMI
File 65:Inside Conferences 1993-2000/Sep W4
(c) 2000 BLDSC all rts. reserv.
File 77:Conference Papers Index 1973-2000/Jul
(c) 2000 Cambridge Sci Abs
File 94:JICST-EPlus 1985-2000/May W3
(c)2000 Japan Science and Tech Corp(JST)
File 99:Wilson Appl. Sci & Tech Abs 1983-2000/Aug
(c) 2000 The HW Wilson Co.
File 144:Pascal 1973-2000/Sep W3
(c) 2000 INIST/CNRS
File 238:Abs. in New Tech & Eng. 1981-2000/Sep
(c) 2000 Reed-Elsevier (UK) Ltd.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

Set	Items	Description
S1	5349507	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	127183	S1(3N)(SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	1795546	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	2076	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	10721203	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	1157270	ACCEPT? OR RECEIV?
S7	2575665	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	1423178	NUMBERED OR CODED OR NUMERICAL?
S9	2	S2 AND S3 AND S4 AND (S5 OR S6) AND S7
S10	187	S1 AND S5 AND S3 AND S4
S11	16	S10 AND S8
S12	0	S10 AND S6 AND S7
S13	12	RD S11 (unique items)
S14	9	S13 NOT (PY=>1995 OR PD=>951224)

9/3,K/1 (Item 1 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
(c) 2000 Engineering Info. Inc. All rts. reserv.

02649108 E.I. Monthly No: EI8810098936

Title: TOWARDS A QUANTITATIVE USE OF AERIAL COLOR INFRARED FILMS.
Author: Becker, F.; Nerry, F.; Ramanantsizehena, P.; Fischer, J.
Corporate Source: LSIT/GSTS, Strasbourg, Fr
Source: Photogrammetric Engineering and Remote Sensing v 54 n 6 pt 1 Jun 1988 p 743-750
Publication Year: 1988
CODEN: PERSDV ISSN: 0099-1112
Language: English

Abstract: In order to use aerial CIR films on a quantitative basis for various applications such as recognition...

...of the origin of these errors, including atmospheric effects and various distortions introduced by the film, the camera, and the drum scanner producing three digital color channels recorded on magnetic tape, an algorithm has been derived which gives the relative values of reflectance of any target area of a CIR photograph. This algorithm has been validated using data acquired, in situ and from several aircraft flights...

...Descriptors: Algorithms; DATA PROCESSING --...

...Monitoring; AERIAL PHOTOGRAPHY

9/3,K/2 (Item 1 from file: 94)
DIALOG(R) File 94:JICST-EPlus
(c)2000 Japan Science and Tech Corp(JST). All rts. reserv.

03889562 JICST ACCESSION NUMBER: 98A0928692 FILE SEGMENT: JICST-E

High Speed Photographs craved in CD-ROM.

NAKAMURA YOSHIO (1); TSUNO TAKAO (1)

(1) Univ. of Tokyo, Fac. of Eng.

Tokyo Daigaku Kogakubu Sogo Shikenjo Nenpo(Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo), 1998, VOL.57, PAGE.255-260, FIG.2, TBL.3

JOURNAL NUMBER: F0464AAZ ISSN NO: 0371-3067

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:621.397.3 778.53+778.55

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

High Speed Photographs craved in CD-ROM.

ABSTRACT: In order to reduce a time required for image processing and analyzing, we have built up the system which consists of personal computer system, two kinds of image scanner and CD-R. A series of image recorded on the film by high speed camera are converted into digital image data on the CD-R media by various types of image format. After this, they are used through image processing, for example, finding out .GAMMA.-value, brightness and contrast to obtain the best quality of picture, detection of profile and finally printing the picture. (author abst.)

DESCRIPTORS: high speed photography ; ...

...image processing system...

...graphic input unit...

...digital image ; ...

...digital recording ; ...

...image quality

...IDENTIFIERS: **image** scanner
BROADER DESCRIPTORS: **photography** ; ...

...**image** ; ...

...**image** characteristic

14/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

00756004 INSPEC Abstract Number: A75035033, B75017400

Title: Nonredundant point distribution for coded aperture imaging with application to three-dimensional on-line X-ray information retrieving

Author(s): Weiss, H.

Author Affiliation: Philips Forschungslab., Hamburg, West Germany

Journal: IEEE Transactions on Computers vol.C-24, no.4 p.391-4

Publication Date: April 1975 Country of Publication: USA

CODEN: ITCOB4 ISSN: 0018-9340

Language: English

Title: Nonredundant point distribution for coded aperture imaging with application to three-dimensional on-line X-ray information retrieving

...Abstract: tomosynthesis are not capable of imaging fast moving objects because of the time-sequential recording process . To overcome this difficulty the method of coded aperture imaging using nonredundant point distributions is applied to X-ray imaging. The object coded by an array of X-ray sources is deconvoluted by means of an optical processing system using monochromatic, but spatially incoherent light. Experimental results obtained with simple objects show good...

... detail as well as in depth. Moreover, an on-line system has been simulated using coded images on X-ray films with a TV-camera pick up in conjunction with an electrooptic relay tube.

...Descriptors: picture processing ;

...Identifiers: time sequential recording process ; ...

...nonredundant point distribution ; ...

...coded aperture imaging...

...optical processing system

14/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

00672637 INSPEC Abstract Number: A74058582, B74032307

Title: Three-dimensional X-ray information retrieving by optical filtering

Author(s): Weiss, H.

Author Affiliation: Philips Forschungslab. Hamburg GmbH, West Germany

Conference Title: 1974 International Optical Computing Conference Proceedings. Digest of Papers p.41-4

Publisher: IEEE, New York, NY, USA

Publication Date: 1974 Country of Publication: USA v+104 pp.

Conference Sponsor: IEEE

Conference Date: 9-11 April 1974 Conference Location: Zurich, Switzerland

Language: English

...Abstract: not capable of imaging fast moving objects because of the duration of the sequential imaging process . To overcome this difficulty the method of coded sources using nonredundant point distributions is investigated. The superposition image generated by an array of X-ray sources is deconvoluted in an optical Fourier processor . Experimental results using simple X-ray objects demonstrate a resolution in detail as well as...

... sufficient for X-ray imaging. Moreover an on-line system has been simulated using superimposed images on X-ray films and TV-camera pick-up in conjunction with an electro-optic relay tube.

...Descriptors: optical information processing ; ...

...picture processing ;

...Identifiers: method of coded sources...

...nonredundant point distributions ; ...

...superposition image ; ...

...optical Fourier processor ;

14/3,K/3 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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0999672 NTIS Accession Number: DE82015414

Determining Light Intensity for Use with Intermittent or Rotating Prism Cameras Utilizing a Cinematographic Light-Intensity Translator

Rodriguez, A. A.

Sandia National Labs., Tonopah, NV.

Corp. Source Codes: 075256000; 9515128

Sponsor: Department of Energy, Washington, DC.

Report No.: SAND-82-1065C; CONF-820822-1

1982 7p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8306; NSA0700

26. technical symposium and exhibition of the International Society for Optical Engineering, San Diego, CA, USA, 21 Aug 1982, Portions of document are illegible.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

A problem at test ranges is the acquisition of valid light intensity measurements at **remote** camera tracking or fixed camera sites. After all instrumentation is set up and ready to...

... coordinator) has the light measurement console at one central location with a primary sensor and **remote** sensors located as needed. By rotating a thumbwheel, the controller can select the output of...

... known camera factors for up to fifty functional stations into the minicomputer using the alpha/numerical switch matrix on the controller's console. The **remote** sensors, usually placed near the impact target or near ground zero, continuously generate and transmit...

... of drop or firing time without interrupting the test. The CRT also displays whether the **film** from each **camera** location needs to be under- or force **processed**. (ERA citation 07:054951)

Descriptors: Cameras; Visible radiation; Brightness; **Photography** ; Cathode ray tubes; Display devices; Photographic films; Computerized control systems; Data acquisition systems

14/3,K/4 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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0646438 NTIS Accession Number: AD-457 952/0/XAB

Study of Image-Evaluation Techniques

(Interim engineering rept. no. 9, 15 Jul15 Oct 64)

Attaya, W. L.

Itek Corp Waltham Mass

Corp. Source Codes: 189550

Report No.: ITEK-9048-10

15 Oct 64 50p

Journal Announcement: GRAI7721

Distribution limitation now removed. NOTE: Only 35mm microfilm is available. No microfiche. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Study of Image-Evaluation Techniques

The ultimate goal of this program is the **development** of a mathematical model that will be useful in the specification, design, and performance testing...

... photo-optical system. Our immediate tasks fall into two closely related categories: (1) the mathematical **development** of the model, and (2) the establishment of valid and suitably accurate means to measure...

... phase of our mathematical model. One of the practical problems in the analysis of photographic **images** using microdensitometry is the smoothing of the trace data. The granular nature of the photographic **image** makes this a quite necessary part of the data reduction procedure. A simple algorithm has been devised which is applied to the **numerical** values of the equidistant samples of a microdensitometer trace. The theoretical and experimental phases are...

Descriptors: Photographic reconnaissance; *Aerial reconnaissance; Mathematical models; Photographic **images**; Camera lenses; Photographic **film**; Optical properties; Programming (Computers); Optical **images**; Photointerpretation; Automation; Theory; Data **processing**; Feasibility studies; Electronic equipment; Digital systems

14/3,K/5 (Item 1 from file: 8)

DIALOG(R) File 8:E1 Compendex(R)

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03561795 E.I. Monthly No: EIM9302-010224

Title: Coded-aperture devices for viewing extended objects from space.

Author: Curtis, Charles C.; Hsieh, Ke C.; Sandel, Bill R.; Drake, Virginia A.

Corporate Source: Univ. of Arizona, Tucson, AZ, USA

Conference Title: Instrumentation for Magnetospheric Imagery

Conference Location: San Diego, CA, USA Conference Date: 19920719

E.I. Conference No.: 17522

Source: Proceedings of SPIE - The International Society for Optical Engineering v 1744. Publ by Int Soc for Optical Engineering, Bellingham, WA, USA. p 138-147

Publication Year: 1992

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-0917-0

Language: English

Title: Coded-aperture devices for viewing extended objects from space.

Abstract: In a comparison paper, one of us (Curtis) discusses the **development** of aperture codes appropriate for instruments viewing an extended object - in this case, the earth...

...latter created from magnetospheric ions after charge-exchange interactions with exospheric gas. Here we describe **coded** aperture sensors for photons or ENA which incorporate FOV limiters and subdivide the object field...

...the optics and reconstruction algorithms, two 'breadboard' sensors have been constructed, one based upon a **film camera** and the other upon a UV-light sensitive microchannel plate detector system. Laboratory tests of ...

Descriptors: MAGNETOSPHERE; IMAGING TECHNIQUES; **IMAGE** RECONSTRUCTION; PLASMAS; **IMAGE** SENSORS; PHOTONS; **REMOTE** SENSING

Identifiers: UV PHOTONS; **CODED -APERTURE IMAGER**; APERTURE CODES; FIELD OF VIEW; FOV LIMITERS; ENERGETIC NEUTRAL ATOMS

14/3,K/6 (Item 2 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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02977795 E.I. Monthly No: EI9011135524

Title: **Impact test data obtained by analysis of high speed camera films.**

Author: Aquaro, D.; Forasassi, G.

Corporate Source: Univ degli Studi di Pisa, Pisa, Italy

Source: Res Mechanica: International Journal of Structural Mechanics and Materials Science v 30 n 2 1990 p 207-219

Publication Year: 1990

CODEN: RESMD6 ISSN: 0143-0084

Language: English

Title: **Impact test data obtained by analysis of high speed camera films.**

...Abstract: impact test enabled the authors to obtain the motion law of the cask models. A **numerical** method implemented in order to perform the first and second differentiation of the displacement-time...

...approximated with a Lagrange interpolation polynomial, and the obtained curve is smoothed with a Butterworth **digital** low pass filter with M poles, in order to reduce the spurious oscillations caused by different kinds of errors which might be unacceptably amplified in the differentiation **processes**. Additional aspects of the study are discussed. (Edited author abstract) 5 Refs.

...Descriptors: Testing; **PHOTOGRAPHY**, HIGH SPEED; **IMAGE PROCESSING**
--...

...Image Analysis

14/3,K/7 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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02234396 Genuine Article#: KM721 No. References: 32

Title: **IMAGE- PROCESSING OF EXPLOSIVE ACTIVITY AT STROMBOLI**

Author(s): RIPEPE M; ROSSI M; SACCOROTTI G

Corporate Source: UNIV FLORENCE, DIPARTIMENTO SCI TERRA/I-50121

FLORENCE//ITALY/

Journal: JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH, 1993, V54, N3-4 (JAN), P335-351

ISSN: 0377-0273

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: **IMAGE- PROCESSING OF EXPLOSIVE ACTIVITY AT STROMBOLI**

...Abstract: behaviour at different vents of Stromboli volcano is proposed. The method is based on computer **processing** of **images** taken by an infrared **film camera**, at a rate of 4 **pictures** per second. Each **picture** has been digitized by use of an **image** scanner with a 75 d.p.i. (dots per inch) resolution and 256 levels of gray, then **processed** and the total mass of the ejected material has been calculated for each **photograph**. With this procedure the flux of ejected matter throughout every single explosive event has been...

...ejecta has allowed us to evaluate the ejection velocity. The mode of the mass flux **distribution** and the mean value of the velocities calculated for individual particles quantify the kinetic energy...

...1985-86, show several explosive patterns, the energy of which is measured. The observed flux **distributions** have been checked both **numerically** and experimentally by modelling impulsive events.

The computer simulations of the mass **distributions** have allowed

us to speculate on the possible explosive dynamisms. Two different models have been...

...had the opportunity to test the overall resolution of the method.

The observed matter flux distribution has then been associated to the seismic signals in order to correlate the dynamics involved...

Research Fronts: 91-8046 001 (IMAGES IN SCALE SPACE; ROTATIONALLY SYMMETRICAL SHAPES; KNOWLEDGE-BASED SEGMENTATION USING MORPHOLOGICAL FILTERS)

14/3,K/8 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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02030565 JICST ACCESSION NUMBER: 94A0389907 FILE SEGMENT: JICST-E

Logarithmic-Converting CCD Line Sensor.

TAKADA KENJI (1); ISHIDA KOICHI (1); NAKAMURA SATOSHI (1); KUSAKA YASUSHI (1); IWAMOTO TSUYOSHI (1); NOMURA KEIICHI (1); SAMEISHIMA KOICHI (1); NISHIDA NAOKI (1); MIYATAKE SHIGEHIO (1)

(1) Minolta Camera Co., Ltd.

Terebijon Gakkai Gijutsu Hokoku, 1994, VOL.18,NO.16(IPU94 7-13/CE94 5-11), PAGE.25-30, FIG.11, REF.6

JOURNAL NUMBER: S0209AAF ISSN NO: 0386-4227

UNIVERSAL DECIMAL CLASSIFICATION: 621.397.61 621.382:537.222

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: of the incident light over more than five orders of magunitude in intensity has been **developed** . It uses the sub-threshold operation of MOSFET's with a L/W of 12...

...m*12.MU.m. It is expected that this technology will be very useful for **digital** copiers, **camera** type scanners, and **film** scanners. (author abst.)

...DESCRIPTORS: **image** sensor

...BROADER DESCRIPTORS: **image** pickup apparatus...

...**image** ; ...

...**numerical** value

14/3,K/9 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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00874176 JICST ACCESSION NUMBER: 89A0264686 FILE SEGMENT: JICST-E

Tomography in image diagnosis of the lung.

SONE SHUSUKE (1); KASUGA TOSHIO (1); KIYONO KUNIHIRO (1); SAKAI FUMIKAZU (1); HIRANO HIROSHI (1)

(1) Shinshu Univ., Faculty of Medicine

Danso Eizo Kenkyukai Zasshi(Japanese Journal of Tomography), 1988, VOL.15,NO.2, PAGE.48-63, FIG.11, TBL.2, REF.34

JOURNAL NUMBER: Y0819ABN ISSN NO: 0914-8663

UNIVERSAL DECIMAL CLASSIFICATION: 616.2-07 616.24

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

Tomography in image diagnosis of the lung.

...ABSTRACT: chest radiography. In this article we will first discuss the methodology, concentrating especially on the **digital** tomosynthesis

system which is being developed at our institution, and will then present a preliminary report concerning clinical applications. Using this technique, the patient dose can be greatly reduced and the X-ray image data can be more effectively utilized by employing post-processing. This system is also applicable to digital angiogram, and may have a wider range of applications when a larger image intensifier(II) and a higher resolution TV camera are made available. Our system consists fundamentally of a conventional X-ray fluorographic TV unit provided with a tomographic function, an image processing unit, and a laser camera. The tomographic unit moves linearly, with an angular swing of 40.DEG.. When this unit is utilized for digital tomosynthesis, 30 fluorographic images from different angles are obtained during a single linear pass. These images are received by a high-resolution TV camera via an II, are digitized by a...

...reconstruct tomographic slices at any desired level at the rate of 1.2 seconds per image, and these images are then displayed on the CRT or transferred to X-ray film using the laser camera. (abridged author abst.)

...DESCRIPTORS: tissue distribution ;

...BROADER DESCRIPTORS: image technology...

...distribution ; ...

...numerical value

File 344:Chinese Patents ABS Apr 1985-2000/Aug
(c) 2000 European Patent Office
File 347:JAPIO Oct 1976-2000/May(UPDATED 000915)
(c) 2000 JPO & JAPIO
File 350:Derwent WPIX 1963-2000/UD,UM &UP=200046
(c) 2000 Derwent Info Ltd

Set	Items	Description
S1	1156347	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	42521	S1(3N)(SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	1183733	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	8377	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	3775654	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	1349612	ACCEPT? OR RECEIV?
S7	497130	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	99783	NUMBERED OR CODED OR NUMERICAL?
S9	4	S2 AND S3 AND S4 AND (S5 OR S6) AND S7
S10	137	S1 AND S5 AND S3 AND S4
S11	7	S10 AND S8
S12	3	S10 AND S6 AND S7
S13	7	S11 NOT S12
S14	3	S12 NOT S11

9/3,K/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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06354198 **Image available**
CAMERA AND FILM FOR RECORDING OVERLAPPED IMAGE

PUB. NO.: 11-295805 [JP 11295805 A]
PUBLISHED: October 29, 1999 (19991029)
INVENTOR(s): HAWKINS GILBERT ALLAN
ANNABELL ADAMS MUNTER
PHILIP T S LAU
JOHN DAVID BALOGA
APPLICANT(s): EASTMAN KODAK CO
APPL. NO.: 10-075979 [JP 9875979]
FILED: March 24, 1998 (19980324)

CAMERA AND FILM FOR RECORDING OVERLAPPED IMAGE

ABSTRACT

PROBLEM TO BE SOLVED: To **record** video information and **digital** information in the same area of film by providing overlapped exposed visible and non-visible sensitive recording layers in the film.

SOLUTION: In **order** to expose a film recording layer where sensitivity is given to visible light with visible...

... exposure gate 41 with light from a video. Then the camera is equipped with a **receiver** 38 and a sound recording microphone so as to **receive** digital data from an external source type such as an infrared signal source 32, a...

... part 36. The signal from one of them is selected by a selection switch 39, **processed** by a semiconductor **processing** circuit 40 and stored in a data buffer 42. When a recording data button is...

9/3,K/2 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012794298
WPI Acc No: 1999-600527/199951
XRAM Acc No: C99-174798
XRPX Acc No: N99-442648

Color negative photographic element with enhanced speed of developing red and green color layer

Patent Assignee: EASTMAN KODAK CO (EAST)
Inventor: BECHER J H
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5965340	A	19991012	US 98105625	A	19980626	199951 B
EP 967519	A1	19991229	EP 99201872	A	19990612	200005
JP 2000029185	A	20000128	JP 99179350	A	19990625	200017

Priority Applications (No Type Date): US 98105625 A 19980626

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5965340	A		14	G03C-001/785	
EP 967519	A1	E		G03C-007/30	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2000029185 A 58 G03C-007/20

Color negative photographic element with enhanced speed of developing red and green color layer

Abstract (Basic):

- ... Hydrophilic colloid layers contains at least 2 layers each of red, green, blue recording dye **image** -forming layers differing in their speed...
- ...An INDEPENDENT CLAIM is also included for the **process** of producing multicolor dye **image** in which **developing** of color photo **graphic** element is performed in less than 2 minutes...
- ...For **digital** color record , and in camera speed films having ISO (International Standard Organization) ratings of 10-2000 or 100-2000...
- ...The **development** of the color **image** is complete within 2 minutes. The contamination in the **image** can be eliminated or reduced with an aid of **digital** color record . Any portion of red, green and blue characteristic curve above the minimum density can be adjusted by electronic manipulation. The speed of **developing** can be achieved without decreasing the **image** quality. As transparent support is used in color negative photographic element, the amount of dye...
- ...dyes in the different recording layer units has half the absorption bandwidth without overlapping in **order** to simplify scanning. The color balance of the **image** can be achieved under tungsten illumination for day light or flash exposure...
- Technology Focus:
- ... red, green and blue. The color negative photographic element do not contain masking couplers and **development** inhibitor couplers in **order** to facilitate effective scanning. Preferred Layers: On the faster speed blue recording layer, fastest red...
- ...Preferred Time: The multicolor **image** is produced by **developing** the color negative photographic element in less than 1 minute or within 30 seconds.
- Extension Abstract:
- ... support to obtain type A material. The material was exposed to an Eastman sensitometer and **processed** with KODAK FLEXICOLOR. The time for **development** of the film was found to be 20 seconds.
- ...Title Terms: **PHOTOGRAPH** ;

9/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012266991 **Image available**
WPI Acc No: 1999-073097/199907
XRPX Acc No: N99-053621

Image file generating method for recording digital image from film, digital camera - involves generating image data for printing by interpolation processing original image obtained by image generating apparatus, then generating image data sets at different resolutions

Patent Assignee: FUJII PHOTO FILM CO LTD (FUJF)
Inventor: WATAR I

Number of Countries: 026 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 890922	A2	19990113	EP 98112589	A	19980707	199907 B
JP 11032287	A	19990202	JP 97182656	A	19970708	199915

Priority Applications (No Type Date): JP 97182656 A 19970708

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 890922	A2	E	8	G06T-003/40	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Image file generating method for recording digital image from film, digital camera - ...

...involves generating image data for printing by interpolation processing original image obtained by image generating apparatus, then generating image data sets at different resolutions

...Abstract (Basic): The image file generating method involves generating the image data (9) for printing in order to generate photographic print (5). This is achieved by carrying out interpolation processing by an interpolation processing system (13a) on an original image (8) obtained by an image generating apparatus e.g. a card reader (10), or film scanner (11). The interpolation processing system is an image printing data generating system...

...Image data sets (7a,7b) at different resolutions are also generated by directly carrying out interpolation processing by an interpolation processing system (13b) on the original image. The interpolation processing system is a stepping resolution image data set generating system...

...USE - For recording digital image obtained from film or digital camera as image file in recording medium such as CD-R and an MO disc...

...ADVANTAGE - Minimises image quality degradation due to enlargement or reduction of digital image.

Title Terms: IMAGE ;

9/3,K/4 (Item 3 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

008260921 **Image available**

WPI Acc No: 1990-147922/199019

XRPX Acc No: N90-114624

Order entry process for magnetically encodable film - has dedicated tracks for storing predetermined parameters which assist photo finishing process

Patent Assignee: EASTMAN KODAK CO (EAST)

Inventor: ROBISON G L; WASH M L

Number of Countries: 017 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9004209	A	19900419				199019 B
AU 8944881	A	19900501				199029
CN 1041844	A	19900502				199106
US 5021820	A	19910604	US 90488496	A	19900302	199125
EP 437539	A	19910724	EP 89912085	A	19891004	199130
JP 4501024	W	19920220	JP 89511233	A	19891004	199214
US 5101225	A	19920331	US 91687703	A	19910418	199216
US 5194892	A	19930316	US 88255006	A	19881007	199313
			US 89391695	A	19890810	
			US 90488496	A	19900302	
			US 91686635	A	19910416	
CA 1319422	C	19930622	CA 612937	A	19890925	199330
EP 437539	B1	19950830	EP 89912085	A	19891004	199539
			WO 89US4361	A	19891004	
DE 68924071	E	19951005	DE 624071	A	19891004	199545
			EP 89912085	A	19891004	
			WO 89US4361	A	19891004	

Priority Applications (No Type Date): US 88255006 A 19881007; US 89391695 A

19890810; US 9048849 A 19900302; US 91687703 A 19910418; US 91686635 A 19910416

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9004209	A				
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Designated States (National): AU JP KR

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

EP 437539	A				
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

JP 4501024	W	20			
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US 5101225	A	39			
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US 5194892	A	39	G03B-017/24	Cont of application US 88255006	
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Cont of application US 89391695

Cont of application US 90488496

Cont of patent US 5021820

EP 437539	B1	E	42	G03B-027/46	Based on patent WO 9004209
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Designated States (Regional): CH DE FR GB IT LI

DE 68924071	E		G03B-027/46	Based on patent EP 437539	
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Based on patent WO 9004209

CA 1319422	C		G03B-027/46		
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Order entry process for magnetically encodable film...

...has dedicated tracks for storing predetermined parameters which assist photo finishing process

...Abstract (Basic): hardware equipment to read data previously recorded in dedicated tracks. The photofinisher dedicated track locations fill the exposed **image** area of each frame. The **order** entry process of the invention responds to data on the dedicated magnetic tracks of the film to govern the **process** and to store data governing **order** entry and photofinishing...

...ADVANTAGE - Improved handling performance for film **order** entry. (51pp Dwg.No.2/18)

...Abstract (Equivalent): An **order** entry method using an operator terminal interface (920) for recording, on an elongated film strip (100), data relating to **processing** of said film strip by a photofinisher, said film strip (100) having successive frames, a...

...recording, respectively, of customer identification data by a camera (200), customer identification data by an **order** entry station (910), **order** instruction data and recorder instruction data, said method comprising the steps of: reading (1005) data...

...data if said second track (F1) contains data indicating that said film strip has been **processed** previously; recording said recorder instruction data in said third track (F2) of said leader; determining ...

...Abstract (Equivalent): in a photographic film. Information exchange between various users of the film, such as the **film** manufactor, the **camera** user, the dealer and photofinisher, is carried via mulitple, longitudinal magnetic tracks on the film...

...stored instructions which identify and interpret the data in the corresponding sub-fields. Look-up **tables** addressed by said **virtual** identification codes can include bit-map instructions, state identifier instructions, and/or scaling algorithm instructions...

...as an additional layer in a photographic film. Information exchange between various uses of the **film**, such as the **camera** user, the dealer and photofinisher, is facilitated by recording data in dedicated frame-limited longitudinal...

...All data is recored on the film using a self-clocking three-part code in **order** to provide automatic data synchronisation between the various users without requiring film transport at the...

...Information exchange between various users of the **film** - such as the **camera** user, the dealer and photofinisher - is carried via longitudinal magnetic tracks on the film, each...
...The photofinisher dedicated track locations **fill** the exposed **image** area of each frame. The camera-dedicated tracks lie along the edges of the film...
...The **order** entry **process** responds to data on the dedicated magnetic tracks on the film to govern the **process** and to store data governing **order** entry and photofinishing. ADVANTAGE - Permits photofinisher to use magnetic recording on film without regard to format of **film** or type of **camera** used, using same magnetic recording format and hardware for all cases...

Title Terms: **ORDER** ;

?t13/3,k/all

13/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

013272391 **Image available**
WPI Acc No: 2000-444304/200039
XRPX Acc No: N00-331495

Secure customization of film, with identifier marked on film and access code to permit access of remote look-up table containing photo finishing data

Patent Assignee: EASTMAN KODAK CO (EAST)
Inventor: CIPOLLA D; SMART D C
Number of Countries: 026 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1016899	A2	20000705	EP 99204282	A	19991213	200039 B
JP 2000221613	A	20000811	JP 99365609	A	19991222	200044

Priority Applications (No Type Date): US 98221943 A 19981228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1016899	A2	E	43	G03B-017/26	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2000221613	A	30	G03B-027/46
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... **customization of film, with identifier marked on film and access code to permit access of remote look-up table containing photo finishing data**

Abstract (Basic):

... contains read-write logical memory unit allocated to each film (10). Film is customized by **remote** access to look-up table to modify photo finishing of film. Film is marked with...

... be submitted and matched to protect against misuse of look up table. Memory unit in **remote** look-up table is allocated to film and film is sold accompanied by its identifier marked on **film**, **camera** and packaging. Identifier (42), used to locate look-up table memory unit associated with film...

...readable (44) and machine readable (46) identifier. Photo finishing parameters are written to memory unit, **images** captured are **processed** according to parameters...

...INDEPENDENT CLAIMS included for film containing filmstrip in light-tight container, **photography** system...

...Provides **remote** storage of film data for one-time use **camera** photographic **film**, provides access code to protect against misuse of look-up table...

...Diagram of system with film unit access coded for user and producer subunits of logical memory unit...

...Title Terms: **REMOTE** ;

13/3,K/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012220861 **Image available**

WPI Acc No: 1999-026967/199903

XRFX Acc No: N99-020801

Video monitoring system e.g. for movie film camera - has video camera positioned in film camera to receive image directly form camera lens without interposing either ground glass for imaging or optical deanamorphosing lens with anamorphic image horizontally squeezed

Patent Assignee: PANAVISION INC (PANA-N)

Inventor: BOWERS W; FARRAND J; NEIL I A

Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 884895	A2	19981216	EP 98110462	A	19980608	199903 B
AU 9871875	A	19981217	AU 9871875	A	19980611	199911
US 5883696	A	19990316	US 97873442	A	19970612	199918
CA 2240232	A	19981212	CA 2240232	A	19980610	199921

Priority Applications (No Type Date): US 97873442 A 19970612

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 884895	A2	E	15	H04N-005/225	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

AU 9871875	A			H04N-003/22	
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US 5883696	A			G03B-019/18	
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CA 2240232	A			G03B-017/48	
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Video monitoring system e.g. for movie film camera - ...

...has video camera positioned in film camera to receive image directly form camera lens without interposing either ground glass for imaging or optical deanamorphosing lens with anamorphic image horizontally squeezed

...Abstract (Basic): The system supplies an anamorphic image from a reflective shutter to a video camera, and a signal processor receives and processes a digital video signal from the video camera, the signal processor produces a processed signal for the video monitor in a deanamorphosed form where portions of a screen of the video monitor omit all of the anamorphic image and another portion of the screen of the video monitor displays a deanamorphosed image of less height than the anamorphic image but of the same width as the anamorphic image . The signal processor includes interpolation processor which averages the video signal by taking a line-by-line input of the video...

...the video signal is identified by consecutive odd numerals for a field including the anamorphic image , an interleaved line-by-line signal identified by consecutive odd numerals is developed by the processor by averaging next odd numbered lines, and the processed video signal is produced by averaging the odd and even lines and selecting alternate lines to produce the processed video signal for the deanamorphosed image .

...

...ADVANTAGE - Uses standard video camera and standard video monitors with system deanamorphoses image displayed on video monitor when

anamorphic lenses ~~are~~ used in film camera .

...Title Terms: **IMAGE** ;

13/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011615005 **Image available**
WPI Acc No: 1998-032133/199803
Related WPI Acc No: 1996-308968
XRPX Acc No: N98-025893

Method of communication process order features to photo finishing equipment - using film splicing label encoded with printing information

Patent Assignee: EASTMAN KODAK CO (EAST)
Inventor: MANICO J A; PATTON D L; ROWAN S J
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5694634	A	19971202	US 95369942	A	19950109	199803 B
			US 96664465	A	19960614	

Priority Applications (No Type Date): US 96664465 A 19960614; US 95369942 A 19950109

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5694634	A	13	G03D-013/00	CIP of application US 95369942 CIP of patent US 5530517

Method of communication process order features to photo finishing equipment...

...Abstract (Basic): 12), using a film splicing label (14). The label is attached adjacent to the first **numbered** frame of one film and the last **numbered** frame of the other film. The label is then encoded with an automatic print count...

...USE - For correct orientation of conventional prints, **digital** and multi **image** media. For **film** from single use **camera** , 35 mm format still camera, panoramic or telephoto format. For prodn of compact discs with photographic **images** .

...Title Terms: **PROCESS** ;

13/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009626658 **Image available**
WPI Acc No: 1993-320207/199340
XRPX Acc No: N93-246709

Selective image compression for film-less digital camera capturing set number of images with CCD - dividing image digital data into discrete blocks, compressing blocks e.g. using DCT, determining image quality w.r.t. compression and applying other compression if quality is unacceptable

Patent Assignee: DYCAM INC (DYCA-N)
Inventor: JAIN J R
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5249053	A	19930928	US 91650684	A	19910205	199340 B
			US 92926834	A	19920807	

Priority Applications (No Type Date): US 92926834 A 19920807; US 91650684 A 19910205

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5249053 A 9 H04N-005/30 CIP of application US 91650684
**Selective image compression for film-less digital camera
capturing set number of images with CCD...**

...dividing image digital data into discrete blocks, compressing blocks
e.g. using DCT, determining image quality w.r.t. compression and
applying other compression if quality is unacceptable

...Abstract (Basic): A film -less digital camera may have a stated
image storage capacity for a designated number of images , e.g.
thirty-two black and white images . The image data is generated as
analog data and converted into digital data. Data representing one
complete image , are divided into small discrete blocks. Each block is
compressed using a standard compression method...

...data block is then examined and a determination made of the quality of a
compressed image . If the quality falls below a preset standard, the
data block is compressed by an...

...blocks that meet the quality requirement are recorded by the first
compression method without further processing .

...
...Each block of data is coded to indicate the method by which it is
compressed. After compression of the entire image , a computation is
made of the memory storage capacity required for the image . If the
required memory is appreciably less than the amount allocated for each
image , the compression parameters are adjusted and the image
compressed again. When the memory requirement falls within the
established tolerance, the image is recorded. Each data block is
encoded to indicate the method by which it was

...Title Terms: IMAGE ;

13/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

009504894 **Image available**
WPI Acc No: 1993-198430/199325
XRPX Acc No: N93-152696

**Still camera with built in audio recording and playback - uses
microprocessor to control analogue-to- digital conversion of audio
signal with temporary storage prior to impressing on magnetic layer on
film.**

Patent Assignee: EASTMAN KODAK CO (EAST)
Inventor: BELL C S; ROBISON G L; TREDWELL T J; WILLIAMS P M
Number of Countries: 006 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 547357	A1	19930623	EP 92118935	A	19921105	199325 B
US 5276472	A	19940104	US 91794286	A	19911119	199402
EP 547357	B1	19970129	EP 92118935	A	19921105	199710
DE 69217189	E	19970313	DE 617189	A	19921105	199716
			EP 92118935	A	19921105	
ES 2097263	T3	19970401	EP 92118935	A	19921105	199720

Priority Applications (No Type Date): US 91794286 A 19911119

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
EP 547357 A1 E 11 G03B-031/06
Designated States (Regional): DE ES FR GB IT
US 5276472 A 9 G03B-029/00
EP 547357 B1 E 11 G03B-031/06
Designated States (Regional): DE ES FR GB IT
DE 69217189 E G03B-031/06 Based on patent EP 547357

- ... uses microprocessor to control analogue-to- digital conversion of audio signal with temporary storage prior to impressing on magnetic layer on film.
- ...Abstract (Basic): a built-in microphone (17), an internally mounted microchip which converts analog audio signals into **digital** signals for recording onto the film, a magnetic recording head and a speaker (20) which permits playback and editing. A photo-finishing appts. reads the **digital** audio signal and converts it into a predetermined encoding format which is impressed onto the...
- ...The microphone and speaker are connected to an analog amplifier and data **processing** circuit (24). A sound **processor** IC (15) converts the analog signals to **digital** for temporary storage in a memory (26) prior to recording on the magnetic layer on...
- ...compact audio recording system for use with negative or positive film at the time of **picture** taking without separation from the photographic **image** .
- ...Abstract (Equivalent): Photographic system with audio recording and playback comprised of a photographic **film camera** (16) adapted to receive film (10) having a magnetic recording layer (13) thereon, said camera...
- ...audio transducer (17) and signal conversion means (24,25) for converting audible sound to a **digital** signal, temporary storage means (26) for storing said **digital** audio signal in the camera and magnetic recording means (27) for recording said stored **digital** signal on said film magnetic recording layer; and photofinishing apparatus for producing photographic prints from latent **images** exposed onto said **film** in the **camera** , said photofinishing apparatus including magnetic read means (40,41) for reading the **digital** audio signal recorded on the film magnetic layer, means (42) for converting said read **digital** audio signal into a predetermined encodement format and means (43) for impressing said encodement format...
- ...56,56a,56b) adapted to scan said encodement format on said photographic prints to generate **digital** audio data signals for storage in said memory and for subsequent playback independently of said...
- ...Abstract (Equivalent): In the photographic film system, audio to be recorded in a photographic **film camera** in association with individual exposed frames is first digitised and stored in a temporary storage...
- ...needed. When the film is advanced in the camera to the next exposure frame, the **digital** audio signal is recorded on a magnetic layer formed on the film...
- ...At he photofinisher, the **digital** audio signal is read and converted to suitable encodement format, such as bar code or binary **coded** blister marks which are impressed on the photoprint for subsequent playback...
- ...ADVANTAGE - Sound recording does not become separate from **image** . Not limited to use with instant print cameras...
- ...Title Terms: ANALOGUE-DIGITAL ;

13/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

008292592 **Image available**
WPI Acc No: 1990-179593/199024
XRPX Acc No: N90-139544

**Recovering coded signals from film sound track or video tape -
reshaping signals into digital form by amplifier circuit eliminating DC
effects for playback or re-recording**

Patent Assignee: ARNOLD & RICHTER KG (ARNO-N)

Inventor: KOEHLER H

Number of Countries: 013 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3839749	A	19900607				199024 B
WO 9006578	A	19900614				199027
DE 3839749	C	19910307				199110
EP 445170	A	19910911	EP 89913038	A	19891124	199137

Priority Applications (No Type Date): DE 3839749 A 19881125; DE 4002367 A 19900124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9006578	A				
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Designated States (National): US

Designated States (Regional): AT BE CH DE ES FR GB IT LU NL SE

EP 445170	A				
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Designated States (Regional): AT CH DE FR GB IT LI

Recovering coded signals from film sound track or video tape...

...reshaping signals into digital form by amplifier circuit eliminating DC effects for playback or re-recording

...Abstract (Basic): A cine camera film has an additional track of optical marking in parallel the perforations along the edge of...

...code strip is read (10) and the generated output is distorted (B) from the ideal digital pulse sequence. The signal is processed by an amplifier circuit (11) that eliminates the d.c...

...component and reshapes the signal into the ideal digital form (C) for recording or display (12). The amplifier uses peak value detection and level triggering. ADVANTAGE - Eliminates distortion effects from digital signal waveform...

...Abstract (Equivalent): The method described has been designed for a coded signal sequence consisting of optical marks (time codes) which have been recorded on a moving optical medium (1), such as motion picture film, and which are composed of frequency-modulated alternating voltage signals. The direct voltage component contained in the coded sequence is eliminated and the alternating voltage signal is digitalised to form a rectangular output signal sequence. The triggering threshold for digitalising the alternating voltage signal is shifted by a certain amount formed by multiplying the difference...

...Title Terms: DIGITAL ;

13/3,K/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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003963209

WPI Acc No: 1984-108753/198418

XRPX Acc No: N84-080459

**Microfilming machine for daylight uses - has light-tight casing
protecting user from strong light and receiving X-ray plates conveyed by
motor-driven endless belt**

Patent Assignee: STB STRAHLENTech BILD FLECK H (STBS-N)

Inventor: LOHSE K H

Number of Countries: 011 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 105941	A	19840425	EP 82109281	A	19821007	198418 B

EP 105941 B 1986102
DE 3268324 G 19860213

198602
198608

Priority Applications (No Type Date): EP 82109281 A 19821007

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 105941 A E 14

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 105941 B G

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

...Abstract (Basic): on the opposite side of the casing and leads to a device that collects the **processed** X-ray plates. The conveyor is a chain belt driven by an electromotor. A **digital** display lies inside the casing and consists of small incandescent lamps...

...Abstract (Equivalent): Microfilming apparatus for an X-ray **photograph** (16) of usual format, disposed in a record holder, comprising an adjustably mounted camera (12...

...closable, opaque housing (18), a conveyor (20) possessing record holders (14) for the X-ray **photographs** and working in circulating motion being provided for the feed from outside of the X-ray **photographs** which are to be reduced, which conveyor is connected with the interior of the housing...

...numerical keyboard for an input apparatus (30) comprising code numbers and a display apparatus (32) comprising...

...apparatus, that in the interior of the housing, in the region of the X-ray **photographs** (16) to be photographically reduced, a corresponding number display (36) is provided, the individual elements ...

...32) and the code numbers respectively of the number display (36) are coupled with the **camera** (12) and its **film** conveyor respectively for the purpose of achieving a continuous **photograph** numbering, whereas the first eight digits represent freely selectable inputs for patient data. (7pp)

?t14/3,k/all

14/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06354198 **Image available**
CAMERA AND FILM FOR RECORDING OVERLAPPED IMAGE

PUB. NO.: 11-295805 [JP 11295805 A]
PUBLISHED: October 29, 1999 (19991029)
INVENTOR(s): HAWKINS GILBERT ALLAN
ANNABELL ADAMS MUNTER
PHILIP T S LAU
JOHN DAVID BALOGA
APPLICANT(s): EASTMAN KODAK CO
APPL. NO.: 10-075979 [JP 9875979]
FILED: March 24, 1998 (19980324)

CAMERA AND FILM FOR RECORDING OVERLAPPED IMAGE

ABSTRACT

PROBLEM TO BE SOLVED: To record video information and **digital** information in the same area of film by providing overlapped exposed visible and non-visible sensitive recording layers in the film.

SOLUTION: In **order** to expose a film recording layer where sensitivity is given to visible light with visible...

... exposure gate 41 with light from a video. Then the camera is equipped with a receiver 38 and a sound recording microphone so as to receive digital data from an external source type such as an infrared signal source 32, a radio...

... part 36. The signal from one of them is selected by a selection switch 39; processed by a semiconductor processing circuit 40 and stored in a data buffer 42. When a recording data button is...

14/3,K/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
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05908051 **Image available**
IMAGE PICKUP DEVICE AND IMAGE PICKUP METHOD

PUB. NO.: 10-191151 [JP 10191151 A]
PUBLISHED: July 21, 1998 (19980721)
INVENTOR(s): YAMAZAKI TATSUYA
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-351253 [JP 96351253]
FILED: December 27, 1996 (19961227)

IMAGE PICKUP DEVICE AND IMAGE PICKUP METHOD
...JAPIO CLASS: Photography & Cinematography); 42.5 (ELECTRONICS
...JAPIO KEYWORD:Video Tape Recorders, VTR); R131 (INFORMATION PROCESSING
--

ABSTRACT

...SOLUTION: A microcomputer is used as a camera control circuit 205 in a camera signal processing circuit. Color difference signals R-Y, B-Y outputted from a color difference signal generating...
...805 are given to A/D converters 201, 202, where the signal are converted into digital signals and given to the camera control circuit 205. In order to detect that a negative film is used for image pickup, the camera control circuit 205 are used to check each color difference component signal received from terminals 208, 209 on the condition that the R-Y component and the B-Y component are respectively within a criterion range. In the case of image pickup by a negative film by a video camera using a film adaptor, when a negative reversing function of the video camera is activated, since a hand...

14/3,K/3 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2000 Derwent Info Ltd. All rts. reserv.

012974879 **Image available**
WPI Acc No: 2000-146728/200013
XRPX Acc No: N00-108643

Digital image processing method for photographic image in exposed photographic film roll

Patent Assignee: PICTUREVISION INC (PICT-N)
Inventor: GARFINKLE P N; JAFFE E D; YAACOV Y B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6017157	A	20000125	US 96773756	A	19961224	200013 B

Priority Applications (No Type Date): US 96773756 A 19961224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6017157	A	25	G03F-003/10	

Digital image processing method for photographic image in exposed

photographic film roll

Abstract (Basic):

... A visual print order from a predetermined location, is received by an image server (16) corresponding to the stored digital images in another predetermined location to produce and distribute the visual print based on the facilitation of selective authorized access using an authorization code.

... The method involves scanning the exposed photographic film roll to obtain digital images corresponding to the photographic images . An authorization code is assigned to the digital images .

...

...For photographic image in e.g. exposed photographic film roll, digital camera .

...

...Ensures easy and economical processing of digital images .

...

...The figure shows the block diagram of a digital image processing method...

...Image server (16

Title Terms: DIGITAL

11/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00263725

AN OPTICALLY READABLE CODED TARGET
CIBLE CODEE A LECTURE OPTIQUE

Patent Applicant/Assignee:

AUSTRALIAN MEAT & LIVE-STOCK RESEARCH & DEVELOPMENT CORPORATION
LAKE Royden James William
MOORE John Chisnall
KOWALD Errol Maxwell
DOERR Annegret

Inventor(s):

LAKE Royden James William
MOORE John Chisnall
KOWALD Errol Maxwell
DOERR Annegret

Patent and Priority Information (Country, Number, Date):

Patent: WO 9007162 A1 19900628
Application: WO 89AU551 19891220 (PCT/WO AU8900551)
Priority Application: AU 882044 19881220

Designated States: AT AU BE CH DE DK ES FR GB IT JP KR LU NL SE US

Publication Language: English

Fulltext Word Count: 7549

Fulltext Availability:

Detailed Description

Detailed Description

... it may be affixed to, or even printed directly upon an object.

The requirements of **remote** readability, random positioning and random obscuration dictate a level of intelligence in the reading equipment...

...Essentially the area of interest on the object must be rapidly located and then the **coded** area read in a way that all spatial information in the **coded** area is available -for deciding on the actual code present. The most rapid method of...

...information segment and this is best achieved by imaging the area into a 2-D **image** recording device 32 such as a **film** or TV **camera**. The information so captured can be converted to an equivalent **picture** in the memory of a microcomputer 33 and then **processed** or decoded by the microprocessor to determine the most probable code pattern present. The technology...

...orientation or very sophisticated analytical techniques which require a large amount of computer power to **process**. The technology employed in the invention is such that the required **coded** patterns can be deciphered with relatively little program overheads. This saves on microprocessor speed and...

11/3,K/2 (Item 1 from file: 348)
DIALOG(R) File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

00594000

Automatic optimatization of photographic exposure parameters in fixed focus cameras for the production of images of non-standard sizes and/or for photography us

Automatische Optimierung von photographischen Belichtungsparametern in Apparaten mit festgestellter Brennweite zur Erzeugung von Bildern aussergewöhnlicher Gros

Optimisation automatique des parametres d'exposition photographique dans des appareils a longueur focale fixe pour la production d'images de dimensions hors nor

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York
14650-2201, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Wheeler, Richard Bruce, c/o Eastman Kodak Company, Patent Legal Staff,
343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Lewandowsky, Klaus, Dipl.-Ing. (7581), Kodak Aktiengesellschaft,
Patentabteilung, 70323 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 596416 A1 940511 (Basic)
EP 596416 B1 990210

APPLICATION (CC, No, Date): EP 93117522 931028;

PRIORITY (CC, No, Date): US 971143 921103

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G03B-007/08; G03B-017/24;

ABSTRACT WORD COUNT: 142

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9906	1087
CLAIMS B	(German)	9906	949
CLAIMS B	(French)	9906	1278
SPEC B	(English)	9906	46261
Total word count - document A			0
Total word count - document B			49575
Total word count - documents A + B			49575

12/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:European Patents
(c) 2000 European Patent Office. All rts. reserv.

01067038

Photofinishing system and method for automated advanced services including
image and associated audio data processing

System und -Verfahren in einem Photolabor für automatisierte
Mehrwertdienste wie die Verarbeitung von Bildern mit zugeordneten
Ton-Daten

Systeme et procede de traitement photographique pour services automatiques
a valeur ajoutee incluant le traitement d'images avec donnees audio
associees

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
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LEGAL REPRESENTATIVE:

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Patentabteilung, 70323 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 939338 A2 990901 (Basic)
EP 939338 A3 000112

APPLICATION (CC, No, Date): EP 99200423 990215;

PRIORITY (CC, No, Date): US 31173 980226

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G03D-015/00; G03B-031/06; G03B-027/46;
G03B-027/52

ABSTRACT WORD COUNT: 148

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9935	521
SPEC A	(English)	9935	8844
Total word count - document A			9365
Total word count - document B			0
Total word count - documents A + B			9365

...SPECIFICATION and method. Additionally, the present invention provides
the feature of managing and sequencing groups of **orders** for
photofinishing services that result in an integrated image and audio
product.

20 Photofinishing system

22 **Order** manager

23 Conventional photographic film

25 IX media reader

26 Electronic still camera

27 Film...

...34 Data stream storage unit

35 Audio cassette

36 Data parser

37 Audio CD

38 **Digital** data file storage unit

by the Defense Community to satisfy its ever increasing **digital image** analysts, exploitation and archiving requirements.

25/3,K/20 (Item 1 from file: 624)
DIALOG(R) File 624:McGraw-Hill Publications
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0388960

50 TOP WOMEN IN BUSINESS

Business Week June 8, 1992; Pg 80; Number 3269
Journal Code: BW ISSN: 0007-7135
Section Heading: Cover Story

Full text available in Formats 5, 7 and 9

TABLE:

...Amoco Oil (Sales: \$25 billion)

AGE: 39; EDUCATION: BA, U. Ill.; JD, Marquette; CAREER PATH: **distribution**
; TENURE: 1 yr.; NO. SUPERVISED: 135 Recruited from Navistar, where she shaped its phoenix-like...

...synonymous with improving quality; current mission is to get IBM into the entertainment field by **developing** multimedia software.

ELAINE GARZARELLI Managing dir., Shearson Lehman Bros. (Sales: \$11.2 billion)

AGE: 39...operation. US West hired her away to build its new, \$300 million high-quality communications **network**.

DIANE C. HARRIS VP, corporate **development**, Bausch & Lomb (Sales: \$1.5 billion)

AGE: 49; EDUCATION: BA, Catholic; MS, Rensselaer Polytechnic; CAREER...

...she has executed 146 (\$650 million worth) of them.

ELLEN M. HANCOCK VP & Genl. Mgr., **Networking** Systems, IBM (Sales: \$64 billion)

AGE: 49; EDUCATION: BA, College of New Rochelle; MA, Fordham...

...IBM, she has to find a way to revamp company's entrenched but aging computer **networking** products to fend off nimbler competitors.

MICHELE HOOPER Pres., alternate site international, Baxter Intl. (Sales...

...500 Has just landed her first job at a major operating unit--Kodak's core **camera** and **film** group. As head of computer services, she negotiated deals estimated to save Kodak \$1 billion...

...Colgate toothpaste into China. Strong performance has just led to new post, overseeing research and **development** of new products.

ANN KAPLAN General Partner, Goldman Sachs (Sales: \$7.9 billion)

AGE: 44...

...having spent the last three years doubling sales at Abercrombie & Fitch.

KAY KOPLOVITZ CEO, USA **Network** (Sales: \$400 million)

AGE: 46; EDUCATION: BA, U. Wis.; MA, Mich. St.; CAREER PATH: broadcasting;

TENURE: 12 yrs.; NO. SUPERVISED: 270 Cable-TV pioneer whose **network** is on virtually every cable system in America and is one of the top five...

...years after co-founding NET, she started Adaptive, an independent subsidiary focusing on leading-edge **network** technologies.

ELLEN R. MARRAM Pres., Nabisco Biscuit, RJR Nabisco (Sales: \$14.9 billion)

AGE: 45...Center, Sony USA (Sales: \$25.7 billion)

AGE: 37; EDUCATION: BA, Arizona State; CAREER PATH: **graphics** design; TENURE: 3 yrs.; NO. SUPERVISED: 12 Both the first woman and the first American to run **graphics** and industrial design for the Japanese giant. Newest project bearing her stamp: a 53-inch...

...CAREER PATH: marketing; TENURE: 7 yrs.; NO. SUPERVISED: 155 Runs \$1.4 billion department that **develops** and markets cosmetics, skin-care, and perfume lines, including Undeniable, the second best-selling fragrance of 1990.

JUNE L. ROKOFF Sr. VP, devel. info. svcs., Lotus **Development** (Sales: \$829 million)

AGE: 42; EDUCATION: BS, SUNY-Albany; CAREER PATH: tech.; TENURE: 1 yr...

...Supervises three divisions, generating \$700 million in sales, including a mailroom-management service that she **developed** in 1985.

JANE E. SHAW Pres., COO, Alza (Sales: \$140 million)

AGE: 53; EDUCATION: BS...

...30 Coors' first woman vice-president, she also heads a chamber of commerce-related business **development** group: "I may wield more influence in my community than in my own company."

SHIRLEY...

...GM's new concern for quality with ads that emphasize safety and features instead of **image** and lifestyle.

25/3,K/21 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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0320688

THESE SNAPSHOTS ARE A SNAP TO DIGITIZE

Business Week August 19, 1991; Pg 108G; Number 3227

Journal Code: BW ISSN: 0007-7135

Section Heading: Information Processing

Word Count: 185 *Full text available in Formats 5, 7 and 9*

BYLINE:

EDITED BY PAUL M. ENG

TEXT:

Everyone knows that a **picture** is worth a thousand words, but incorporating one into a computer document can be more trouble than it's worth. After taking the **picture** using an ordinary **camera**, the **film** must be **developed**, printed, and then digitized into the computer using a scanner. But Fremont (Calif.)-based Logitech Inc. may soon make it a snap for desktop publishers to add **images** with a new **digital** camera.

FotoMan works much like an ordinary camera, but there's no film to develop

File 349:PCT Fulltext 1983-2000/UB=20000921, UT=20000908

(c) 2000 WIPO/MicroPat

File 348:European Patents 1978-2000/Sep W04

(c) 2000 European Patent Office

Set	Items	Description
S1	436574	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	36250	S1(3N)(SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	383353	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	2716	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	826515	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	536505	ACCEPT? OR RECEIV?
S7	591934	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	84099	NUMBERED OR CODED OR NUMERICAL?
S9	1	S2(S)S3()S4(S)(S5 OR S6)(S)S7
S10	154	S1(S)S5(S)S3(S)S4
S11	2	S10(S)S8
S12	6	S10(S)S6(S)S7
S13	8203	IC=G03F
S14	1	S10 AND S13
S15	0	AU=JEBENS J
S16	0	AU=GARFINKLE P
S17	12	AU=GARFINKLE
S18	0	S17 AND VISUAL(S)PRINTS

9/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT Fulltext
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00542104

INTEGRATED INTERACTIVE MULTIMEDIA PROCESS

PROCEDE MULTIMEDIA INTERACTIF INTEGRE

Patent Applicant/Assignee:

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, US

Inventor(s):

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WALKER Douglas J, WALKER, Douglas, J. , 4701 Oak Park Road, Raleigh, NC
27612 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742601 A1 19971113

Application: WO 97US7359 19970502 (PCT/WO US9707359)

Priority Application: US 9616975 19960506

Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 76840

Fulltext Availability:

Detailed Description

Detailed Description

... Productions, which use video annotated with position information in the creation and navigation of a **virtual** reality environment; and more particularly, it incorporates all stages of development of a Production from...suffer from unacceptably slow performance.

The high degree of navigation and interaction offered by true **virtual** reality as described above and the limited quality of the resolution of the graphics of...of the panorama, the viewer may be allowed some vertical panning as well.

Furthermore, the **developer** of the panoramic video production may create some points in each panorama where the user...

...allow the user to shift position to other view points at predefined hotspots where the **developer** has linked panoramas. As in computer generated virtual environments, panoramic video allows the user to...viewpoints in panoramic video, are limited to those that have been previously defined by the **developer** and may only be to or from a position at which the currently viewed panorama...

...in the art, there remain serious limitations in personal computer performance which create difficulties for **developers** seeking ...of data, places significant demands on the bandwidth limitations of the storage media and the **processor** .

Advances in **processor** speed, larger and faster access memory, caching techniques using memory with even faster read-write...

...contributed toward meeting the computational and storage demands of interactive multimedia applications. Yet, limitations in **processor** speed, and storage capacity, access time and transfer rates forces

compromises in creating a rich...
...these limitations in a novel way.

While it can be used without such compression, in **order** to reduce storage requirements to the level supported by home computer technology, the present invention...

...video digital compression technology to reduce storage demands. Before an analog video signal can be **processed** by a computer it has to be digitized. NTSC video has 480 lines per video...recorded the view of moving down a corridor and passing by a table. Suppose the **developer** chose to render an object so that it appeared to be sitting on the table. In **order** 13 for the rendered object to appear natural., it would have to grow in size...

File 16:Gale Group PROMT(R) 1990-2000/Sep 25
(c) 2000 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2000/Sep 25
(c) 2000 The Gale group
File 80:TGG Aerospace/Def.Mkts(R) 1986-2000/Sep 25
(c) 2000 The Gale Group
File 111:TGG Natl.Newspaper Index(SM) 1979-2000/Sep 25
(c) 2000 The Gale Group

Set	Items	Description
S1	3431954	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	243982	S1(3N) (SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	1204026	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	3703	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	4221341	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	2045905	ACCEPT? OR RECEIV?
S7	2718336	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	53052	NUMBERED OR CODED OR NUMERICAL?
S9	0	S2(S)S3()S4(S) (S5 OR S6) (S)S7
S10	187	S1(S)S5(S)S3(S)S4
S11	1	S10(S)S8
S12	2	S10(S)S6(S)S7
S13	2	RD S12 (unique items)
S14	46	S10(S)S7
S15	1	S14 NOT (PY=>1995 OR PD=>951224)
S16	1	S15 NOT S13
S17	415	PICTUREVISION OR PICTURE()VISION
S18	313	S17(S)S3
S19	20	S18(S)S6
S20	0	S19 NOT (PY=>1995 OR PD=>951224)
S21	20	RD S19 (unique items)
S22	20	S21 NOT (S13 OR S16)
S23	33	S10 NOT (PY=>1995 OR PD=>951224)
S24	32	RD S23 (unique items)

11/3,K/1 (Item 1 from file: 160)
DIALOG(R) File 160:Gale Group PROMT(R)
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00885946

Eastman Kodak will electronically encode its 35-mm films, a move that may improve productivity of the photo finishing industry and encourage the development of more foolproof cameras.

Wall Street Journal 3 Star, Eastern SP Edition March 11, 1983 p. 151

The coding can increase the automation of film processing in such ways as allowing different film types to be sorted automatically instead of by...

... makers to increase the sophistication of automatic cameras. A camera that could read Kodak's coded film could automatically adjust for the speed of the film, which means the camera could more accurately set exposures. The new VR print films, introduced in early 1983, will...

... with code information, which Kodak feels it will benefit from because people will take better pictures and get better processing, meaning Kodak will sell more film and more paper. Separately, Kodak will market its high-speed motion analysis system, the Spin Physics SP 2000, in Europe through a network of brokers. Dun's 3/83 p26

13/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06997604 Supplier Number: 59166653 (USE FORMAT 7 FOR FULLTEXT)
PhotoLoft.com Selected to Power Canon USA's HyperPhoto Network; Powered by
PhotoLoft.com, Built for Canon USA.
PR Newswire, p1597
Feb 3, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 887

... their film or digital camera cards at any participating photo lab. At that time, customers **receive** an album ID and password and can view their **photos** on-line by accessing imageland.net and clicking on the HyperPhoto Network. From there, they can **order** prints (any number and size), send e-cards or photo-personalized cards to be mailed via U.S. mail, and **order** unique photo-personalized gifts, making full use of their favorite **photos**. Online print **orders** may be routed back to the authorized dealer for **fulfillment**. PhotoLoft.com built the **Internet** imaging storage, user functionality, and **order distribution** routines to Canon's specifications.

"We selected PhotoLoft.com as our HyperPhoto Network development partner...

13/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04413453 Supplier Number: 46475144 (USE FORMAT 7 FOR FULLTEXT)
CANON BECOMES WORLD'S FIRST IMAGING COMPANY TO OFFER SANDISK COMPACTFLASH AS DIGITAL FILM
News Release, pN/A
June 18, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 763

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...to offer SanDisk CompactFlash (CF), a new, industry-standard, removable, ultra-small, flash storage device **developed** by SanDisk, for sale with a **digital** camera. Canon Computer Systems Inc. (CCSI), which is marketing CF with Canon's recently introduced PowerShot 600 **digital** camera, is the first of many imaging manufacturers expected to offer CompactFlash with their respective **digital** cameras. CF serves as the "**digital film**" in the new **camera**. The CompactFlash cartridges, and passive PC adapter cards used with CF, can be re-used...

...CompactFlash will play a major role in establishing an industry-wide film standard for new **digital** cameras the same way our PowerShot 600 is setting a new standard for point-and-shoot **digital** camera resolution and performance. When customers **purchase** CompactFlash today, they will also be able to use theft CompactFlash film cartridges in new **digital** cameras introduced today and in the future by Canon and other leading imaging companies." Eli...

...that its decision to market CompactFlash will start an industry-wide trend resulting in worldwide **acceptance** of CF as the film standard for new **digital** cameras." In place of conventional film, the PowerShot 600 uses 1 MB of internal memory to store up to 18 **images** and can store up to 72 **images** with the 4MB CompactFlash cartridge. Canon also offers an optional rotating 170MB hard disk drive...

...compatible CompactFlash and PC cards in the PowerShot 600, Canon has

created the equivalent of "digital film" that permits users to remove the PC cards and CF cartridges loaded with images and insert a fresh card or CF to continue shooting without having to stop to transfer images from the camera to the PC. Standardsize prints also can be obtained by inserting the...

...high-resolution printer. Unlike conventional film, the CF and PC cards are reusable once the images have been erased or downloaded. Canon's decision to offer CF film in its new camera comes as the CompactFlash Association (CFA), an organization of leading technology companies supporting CF as...

...1995, now has more than 40 members. Tom Takahashi, director and senior general manager, research & development headquarters at Canon, is co-chairman of the association. CompactFlash, about the size of a...

...to the floor. They are also non-volatile (no power is required to retain stored images) and use power only during writing and reading, dramatically extending the battery life of the PowerShot 600 and other digital cameras. CompactFlash, based on 32Mbit flash technology, dynamically supports both 3.3 and 5 volt systems meaning that it can be used "plug and play" to transport images between the 3.3 volt camera and standard PCs using 5 volts. The PowerShot 600...

...street price of \$229*. SanDisk Corporation designs, manufactures and markets industry-standard, solid state data, image and audio storage products using proprietary, high density flash memory and controller technology. SanDisk has...

...determined by individual dealers and may vary. SanDisk's web site/home page address: <http://www.sandisk.com> Canon Computer Systems, Inc. web site/home page address: <http://www.ccsi.canon.com>
?t16/3,k/all

16/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02116821 Supplier Number: 42744882 (USE FORMAT 7 FOR FULLTEXT)
Kodak Fun Saver TeleFoto 35 Single-Use Camera MANUFACTURER: Eastman Kodak Company
Product Alert, v0, n0, pN/A
Feb 10, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 138

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...in March as the fifth in the series. Featuring a telephoto lens and high-speed film, this camera "enables picture -takers to get close-up color images of distant subjects." Because of the telephoto lens, the film image is more than twice the size of one from a conventional single-use camera. Intended for picture -taking in daylight or brightly lit areas, the Camera is loaded with a 24-exposure...

...After taking 24 exposures, consumers simply bring the camera to the photofinisher, who removes and processes the film and can return the camera components to Kodak for recycling. Eastman Kodak Company of Rochester, NY, is the manufacturer. To check the availability and cost of purchasing a sample of this product contact: Marketing Intelligence Service, Ltd., (716) 374-6326.

22/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

07101429 Supplier Number: 60027708 (USE FORMAT 7 FOR FULLTEXT)
PictureVision Japanese Subsidiary Powers Photos on Cell Phones; Popular
Photo Delivery System Coming Soon to America.
Business Wire, p1461
March 7, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 836

... Online service through NTT DoCoMo, which provides the wireless telecommunications network that allows users to receive photos on their cell phones. The photos are sent overnight to a central lab and uploaded to a PictureVision designed Online Photo Center.

Images are scanned by the PhotoNet Digital System(TM), the pioneering
...

22/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

06988407 Supplier Number: 59108045 (USE FORMAT 7 FOR FULLTEXT)
MGI Software and PictureVision's PrintStation for Kodak PhotoNet(TM) Online
Application Adopted by Wolf Camera.
PR Newswire, p8765
Feb 1, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1095

... E-commerce imaging and digital video, today announced that Wolf Camera, the nation's premier photography store, will employ the PrintStation for Kodak PhotoNet online developed by MGI using PhotoSuite and PictureVision technologies. The application will provide Wolf's digital camera customers a convenient and inexpensive way to receive the same high-quality prints they have grown accustomed to receiving when trusting Wolf with their traditional photography needs. The application is available now for download at www.wolfcamera.com.

PrintStation can be...

22/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

06664923 Supplier Number: 55879894 (USE FORMAT 7 FOR FULLTEXT)
Kodak and PictureVision Expand PhotoNet Online Network to More Retailers.
Business Wire, p1191
Sept 28, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 777

... hubs, software and consulting services to enable retailers to connect the equipment that Kodak and PictureVision use to transmit, receive and store images on the network. The equipment will interact with all consumer traffic to the PhotoNet(TM) online websites. Kodak and PictureVision will also work with Cisco to create customized innovative network solutions for retailers.

With the...

22/3,K/4 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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06661816 Supplier Number: 55862553 (USE FORMAT 7 FOR FULLTEXT)
Paradise Music & Entertainment Reports Fiscal 1999 Results.
Business Wire, p1046
Sept 27, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1340

... 300,000 copies since its release, will be included in Paradise's fiscal 2000 results.

Picture Vision 's year-over-year revenue decline compared to a record performance in fiscal 1998, but...

...1999, winning an Emmy Award for its work on Janet Jackson's HBO special, and **receiving** three additional Emmy nominations as a result of its expanded presence in the television production...

22/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06530936 Supplier Number: 55322183 (USE FORMAT 7 FOR FULLTEXT)
Paradise's Picture Vision Earns Four Emmy Nominations For Janet Jackson HBO Special.
Business Wire, p1408
August 2, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 662

... Project
Paradise Music & Entertainment, Inc. (Nasdaq:PDSE) announced that its film and television production division, **Picture Vision**, has **received** four Emmy nominations for its Janet Jackson HBO show. The nominations bring **Picture Visions'** total number of Emmy nominations to eleven. In 1998, **Picture Vision** **received** six nominations for the Garth Brooks HBO special "Live from Central Park" the most watched...

22/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06271416 Supplier Number: 54386032 (USE FORMAT 7 FOR FULLTEXT)
World's Messiest and Cleanest Kids Win Parents Free Maid Service for One Year.
PR Newswire, p1410
April 15, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 712

... the Czelusniak family of Malta, New York. That's the grand prize both families will **receive** as the first place winners of The Messiest and Cleanest Kids' Rooms Contest, a three month online **photography** contest on Kodak PhotoNet online(TM) sponsored by THE MAIDS International, an Omaha, Nebraska-based residential cleaning service and **PictureVision**, Inc., a Herndon, VA, based subsidiary of Eastman Kodak Company.

The Kann family won the...

...were delivered by THE MAIDS to homeowners throughout North America.

The two grand prize winners **received** a year's worth of free maid service while 35 other lucky winners **received** Kodak digital cameras,

subscriptions to Family PC magazine, and Kodak PhotoNet online service free, for...

...away as Quebec. "Kodak PhotoNet online is about helping families see, share and use their pictures on their computer," says Keith Fleming, director of marketing for PictureVision, Inc., Kodak's online photography division. "What more effective way to share pictures than with a photo contest capturing a family's greatest visual -- kids trying to keep..."

22/3,K/7 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06142269 Supplier Number: 53910979 (USE FORMAT 7 FOR FULLTEXT)
Kodak Subsidiary & Philips Pushing Digital Photos To TV 02/18/99.
Newsbytes, pNA
Feb 18, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 350

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...A., 1999 FEB 18 (NB) -- By Matt Hines, Newsbytes. Philips Electronics and Eastman Kodak subsidiary PictureVision Inc. have established a new partnership aimed at delivering online digital photo applications over the television. Under the agreement, Philips will offer Kodak's PhotoNet online image service along with several of its set-top devices which let users view the Internet on traditional TVs. The PhotoNet service allows users to view, share and store photos, as well as order image reprints and enlargements, via the Internet. "This agreement supports two growing trends -- online interactive television and digital photography," said Adrian Turner, director of Internet business development at Philips Electronics. "As a consumer platform, the television represents a natural vehicle for the display of digital photographs." As part of the new relationship, PictureVision will develop a TV-based version of PhotoNet and Philips will make the service available on devices including its WebTV-based Internet Receiver which offers wireless access to a PC via the television. The two firms officially announced...

...The partners indicated that over three million camcorders with the interface have already been sold. PictureVision is an independently operated subsidiary of Eastman Kodak which focuses primarily on the digital photography services sector. PictureVision's Web site is located at <http://www.picturevision.com> Philips can be found online at <http://www.phillips.com> Reported By Newsbytes News...

22/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06094521 Supplier Number: 53641991 (USE FORMAT 7 FOR FULLTEXT)
****Kodak & AOL: You Don't Have Pictures, Yet 01/25/99.
Newsbytes, pNA
Jan 25, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 534

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...An Eastman Kodak [NYSE:EK] official has confirmed to Newsbytes that its "You've Got Pictures" digital photo processing initiative it planned to launch with America Online Inc. [NYSE:AOL] did...

...Charlie Smith told Newsbytes complications in the system expected to deliver the You've Got **Pictures** service is causing the delay. "We just wanted to do it right, and take the...

...both our customers and our retailers," Smith said. Original plans called for You've Got **Pictures** to roll out sometime in the fourth quarter of 1998 (Newsbytes, May 19, 1998). Now...

...service is expected to debut in the summer of 1999, Smith said. You've Got **Pictures** will enter a beta test stage "soon," Smith said, although he did not say when...

...When both AOL and Kodak announced the service last year, officials said "You've Got **Pictures** " would allow AOL members to have **images** from their developed film sent digitally for an additional \$5 to \$7 per roll (Newsbytes, May 19, 1998). Users of the new service will still pay for and **receive** regular prints, but they will also **receive** digital "contact sheets" of the same **photos** in their AOL photo mailbox. At the time, an AOL official said You've Got **Pictures** is a part of the world's largest online service's overall imaging strategy. "Imaging...

...see this as a means to offer our users an easy way to deal with **photos** without having to worry about where to download them, what format to use or any other complications. The whole idea is to make **photos** as easy to use as e-mail." The three-year agreement calls for Kodak, AOL...

...imaging site, <http://www.photonet.com> . Currently, the site allows Internet users to have digital **images** from developed film electronically mailed. PhotoNet became a property of Kodak when the company acquired **PictureVision** Inc., and turned the Washington, DC-area company into a Kodak subsidiary. As part of the You've Got **Pictures** deal, AOL made a minority investment in **PictureVision** , Inc. AOL's Web site is at <http://www.aol.com> . Eastman Kodak's site...

22/3,K/9 (Item 9 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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05612888 Supplier Number: 48492320 (USE FORMAT 7 FOR FULLTEXT)
AOL AND KODAK TO OFFER ONLINE PHOTO DELIVERY SERVICE
Computergram International, n3414, pN/A
May 20, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 477

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and Eastman Kodak Co have joined forces to launch a service that will deliver digital **photos** online directly to AOL members. The service, called "You've Got **Pictures** !" allows AOL subscribers to drop film off at participating retail outlets and have digital **images** scanned, uploaded and delivered to a specific AOL account. **Photos** can then be arranged in a personal photo album and emailed to others. The joint...

...Pittman likes the market's potential, pointing to the fact that Americans take 20 billion **pictures** each year, while AOL members **receive** 29 billion emails. Both companies said they will make joint investments in advertising and marketing...

...development, and ongoing support. In addition, AOL has made a minority investment in Kodak's **PictureVision** division. The service has grown out of the Kodak PhotoNet Online offering, which itself is a consolidation of Kodak's own **Picture** Network and the network of **PictureVision** Inc, in which Kodak acquired a controlling interest two months ago (CI No 3,358...

...an extra \$5 to \$7 on top of normal development fees to have the digital

images sent to them, usually within 48 hours. When the **photos** are ready for online viewing, the subscriber **receives** notification upon logging on to AOL and can retrieve them in a photo in-box...

...but beyond that they will charge an added fee which has yet to be determined. **Images** not posted to albums will be kept for 30 days before being deleted by AOL...

...should be available at retailers for non- PC owners to view and order copies of **pictures** posted online. Details on that element of the service are still to come. The partners...

22/3,K/10 (Item 10 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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05612758 Supplier Number: 48492174 (USE FORMAT 7 FOR FULLTEXT)
INTERNET: AOL AND KODAK TO OFFER ONLINE PHOTO DELIVERY SERVICE
Network Briefing, pN/A
May 20, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 481

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and Eastman Kodak Co have joined forces to launch a service that will deliver digital **photos** online directly to AOL members. The service, called "You've Got **Pictures** !" allows AOL subscribers to drop film off at participating retail outlets and have digital **images** scanned, uploaded and delivered to a specific AOL account. **Photos** can then be arranged in a personal photo album and emailed to others. The joint...

...Pittman likes the market's potential, pointing to the fact that Americans take 20 billion **pictures** each year, while AOL members **receive** 29 billion emails. Both companies said they will make joint investments in advertising and marketing...

...development, and ongoing support. In addition, AOL has made a minority investment in Kodak's **PictureVision** division. The service has grown out of the Kodak PhotoNet Online offering, which itself is a consolidation of Kodak's own **Picture** Network and the network of **PictureVision** Inc, in which Kodak acquired a controlling interest two months ago (CI No 3,358...

...an extra \$5 to \$7 on top of normal development fees to have the digital **images** sent to them, usually within 48 hours. When the **photos** are ready for online viewing, the subscriber **receives** notification upon logging on to AOL and can retrieve them in a photo in-box...

...but beyond that they will charge an added fee which has yet to be determined. **Images** not posted to albums will be kept for 30 days before being deleted by AOL...

...should be available at retailers for non- PC owners to view and order copies of **pictures** posted online. Details on that element of the service are still to come. The partners...

22/3,K/11 (Item 11 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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05579241 Supplier Number: 48447339 (USE FORMAT 7 FOR FULLTEXT)
DTV MUST-CARRY DEBATE CONTINUES IN CONGRESS
Television Digest, v38, n17, pN/A
April 27, 1998
Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 1262

... because of plans to auction spectrum after transition: "Given that 70% of American households currently receive their broadcast signals via cable systems, the success of this policy is somewhat dependent upon...

...Markey (D-Mass.) said cable has vision of digital for multichannel, while broadcasters want "prettier pictures ." Question, he said, is whether cable should have obligation to accommodate broadcasters' "pretty picture vision ," or if A/B switch would be enough.

Even on rebuilt cable systems such as...

22/3,K/12 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

05485232 Supplier Number: 48311069 (USE FORMAT 7 FOR FULLTEXT)
Marketing Challenges Face Digital Cameras, APS
Elkin, Tobi
Brandweek, p9
Feb 23, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 946

... Samsurig's CE campaigns via The Arnell Group, N.Y.
With its 51% stake in **PictureVision** , Kodak is poised to launch the world's largest online consumer photographic network. The acquisition...

...based digital imaging services at more than 40,000 retail locations. The new service, combining **PictureVision** 's PhotoNet and Kodak's **picture** network, will enable consumers to have their film and **photos** scanned and stored, and to **receive** output in the form of **photos** , reprints, enlargements, gifts and specialty items. Kodak is just starting to plan what clearly will...

22/3,K/13 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05429387 Supplier Number: 48234187 (USE FORMAT 7 FOR FULLTEXT)
VAR zooms in on new market
McGee, Marianne Kolbasuk
Computer Reseller News, p43
Jan 19, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 523

... from **PictureVisions**' Herndon, Va., headquarters. The management software is provided by Open Systems Solution.

"Allowing **photos** to be viewed online gives a lot of flexibility to consumers," said **PictureVision** Chief Executive Phil Garfinkle. "You don't have to have reprints made to send to family members-they can **receive** the photo by E-mail or access them on a Web site," he said. "There..."

...who want the extra boost of security offered by negatives, most photo labs offering the **PictureVision** service return a customer's negatives.

The storage capacity of the MetaStor systems are scalable...

22/3,K/14 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05326549 Supplier Number: 48106984 (USE FORMAT 7 FOR FULLTEXT)
Wolf Camera Launches One-Hour Digital Imaging.
Business Wire, p11060113
Nov 6, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 725

... key strategies and solutions for profitably increasing sales by leveraging the evolution to digital photography.

PictureVision markets PhotoNet Disk, which allows consumers to receive their **photographs** on floppy disks along with self-contained software they can use to share and use their **photographs** on their personal computers.

PictureVision is also the developer of PhotoNet Online, the world's...

22/3,K/15 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05192748 Supplier Number: 47923774 (USE FORMAT 7 FOR FULLTEXT)
PictureVision and InMedia Presentations to Integrate PhotoNet with Slides & Sound Plus.
Business Wire, p08210121
August 21, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 600

... addition to PhotoNet's range of features and services."

ABOUT PICTUREVISION

Based in Herndon, Virginia, **PictureVision**, Inc. (<http://www.picturevision.com>) provides the imaging industry with easy-to-use, turn-key strategies and solutions for profitably increasing sales by leveraging the evolution to digital **photography**. **PictureVision** is the developer of PhotoNet, the world's first service that allows consumers to view, share, manipulate and store **photographs** over the Internet simply by having film developed by a participating PhotoNet photo processor. **PictureVision** also markets PhotoShow(TM), which allows consumers to receive their **photographs** on floppy disks along with self-contained software they can use to share and use their **photographs** on their personal computers.

ABOUT INMEDIA

InMedia develops digital imaging presentation software products for consumers...

22/3,K/16 (Item 16 from file: 16)
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05099813 Supplier Number: 47487167 (USE FORMAT 7 FOR FULLTEXT)
HP and PictureVision to deliver a feature-rich environment for Web photography.
Business Wire, p06250168
June 25, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 762

... at Giant Eagle and Pathmark grocery stores through Konica Quality Photo.

Based in Herndon, Virginia, **PictureVision**, Inc. (<http://www.picturevision.com>) provides the imaging industry with easy-to-use, turnkey strategies and solutions for profitably growing their businesses by leveraging the evolution to digital **photography**. **PictureVision** is the

developer of PhotoNet, the world's first service that allows consumers to view, share, manipulate, and store **photographs** over the Internet simply by having film developed by a participating PhotoNet partner. Consumers may also use their digital camera or home scanner in the PhotoNet environment. PictureVision also markets Photoshow, which allows consumers to receive their **photographs** on floppy disks along with self-contained software they can use to share and use their **photographs** on their personal computers.

ABOUT HP'S INTERNET-IMAGING INITIATIVE

HP's Internet-imaging initiative...

22/3,K/17 (Item 17 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04837061 Supplier Number: 47116798 (USE FORMAT 7 FOR FULLTEXT)

Adobe PhotoDeluxe Expands Internet Functionality

PR Newswire, p0210SFM053

Feb 10, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1053

... to friends, family members and business associates."

Photo Development on the Internet

With support for **PictureVision** 's online services, Adobe PhotoDeluxe users can easily digitize their **photographs** online. The **PictureVision** Online Photo Center offers consumers a simple, yet powerful way to order, store, view and enhance **photos** using the Internet. Users can take their undeveloped film to a participating PhotoNet retailer**, and in addition to receiving prints, their **pictures** are posted on **PictureVision** 's Online PhotoCenter. Users can download the **images** directly to their computer using the Adobe PhotoDeluxe Get Photo feature, and then edit and upload the **images** back to the Online PhotoCenter. **Images** can be stored on the Online PhotoCenter site, shared with others to whom users grant...

22/3,K/18 (Item 18 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04767548 Supplier Number: 47017875 (USE FORMAT 7 FOR FULLTEXT)

PhotoNet develops

Computer Retail Week, p6

Jan 6, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 414

... Web site and then order prints.

"Computers, not shoeboxes, are the ideal place to store **photographs** ," said Garfinkle, whose company receives a licensing fee from participating chains, which now include Wolf Camera & Video, Ritz Camera, Konica...

...to retailers varies, but a small independent can expect to pay \$1,500 per year. **PictureVision** has been testing PhotoNet through 15 Wolf Camera stores since February 1996.

The typical cost...

22/3,K/19 (Item 19 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04680775 Supplier Number: 46889582 (USE FORMAT 7 FOR FULLTEXT)

MGI Software Builds Momentum in Photography Software; Receives Kudos from

Users and Reviewers; Leads Market in Unit Sales.
Business Wire, p11140070
Nov 14, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 677

... and correct photos so they look the way he wants them to.
MGI has also **received** the backing of the photo industry. The company recently signed marketing agreements with some of...

...markets in the U.S., Canada and Norway. MGI also recently signed an agreement with **PictureVision**, Inc. to link MGI PhotoSuite users to more than 2,500 photo retail stores using...

...software solution to view, edit, manipulate, order reprints, order photo gifts, organize and archive their **photos** electronically using the Internet.

Some of the world's leading equipment manufacturers have also endorsed
...

22/3,K/20 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2000 The Gale group. All rts. reserv.

04757064 SUPPLIER NUMBER: 19476003 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Photo op: digital developments for weekend photographers. (new Web photo services) (Trends) (Company Business and Marketing)
Levin, Carol
PC Magazine, v16, n12, p28(1)
June 24, 1997
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 678 LINE COUNT: 00056

...ABSTRACT: counters that will let customers receive photos in Web format as well as traditional prints. **Picture Vision** 's PhotoNet is already available at 7,700 stores in the US and 800 in..

24/3,K/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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03358304 Supplier Number: 44654363
Kodak's New Strategy: Just Pictures
The New York Times, pC1
May 4, 1994
Language: English Record Type: Abstract
Document Type: Newspaper; General

ABSTRACT:

Eastman Kodak is returning to its policy of focusing on **pictures** and will sell noncore businesses such as Sterling Winthrop, L&F Products, and the Clinical...

...for 1993, when Kodak lost \$1.5 bil. The firm will build upon the traditional **camera** and **film** business and will still work on techniques to capture **images** in **digital** form and in storing and **processing** them as computer files. The firm will be left with sales of about \$13 bil...

24/3,K/2 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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03339469 Supplier Number: 44621388 (USE FORMAT 7 FOR FULLTEXT)
Chains see photo's opportunities
Drug Store News, v0, n0, p119
April 25, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1894

... years, but it will influence the consumer from afar as the media spotlights the latest **developments** in the ongoing **image** odyssey. One example is Apple's just-announced **digital camera**, which uses no **film** and transmits directly to a computer.

Single use has potential

The percentage increase of single...

24/3,K/3 (Item 3 from file: 16)
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03229435 Supplier Number: 44434682
Throwaway camera for a quick getaway
New Scientist, p18
Feb 12, 1994
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Academic

ABSTRACT:

Panasonic Broadcast, a division of Matsushita (Japan), has **developed** a broadcast-quality expendable camera. At a cost of only a few thousand pounds (GBP), the new camcorder uses the new **digital** standard agreed to last year by the 10 major electronics companies, including Matsushita and Sony. The new system, known as **Digital Video Cassette (DVC)**, records **pictures** and sound in the form of **digital** code on two types of cassettes. One, the size of an audio cassette, runs for...

...1995, with the broadcast version available soon after. One possible use given for the new **camera** is for **film** crews needing to make a quick escape from hostile crowds. ...

24/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03128491 Supplier Number: 44267564
Superhigh-Definition Image Technology Eyed in Japan
Research & Development, p64
Dec, 1993
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

Nippon Telegraph & Telephone is **developing** superhigh-definition **image** technology that uses \$x as much visual data as current high-definition television technology to equal the resolution of 35-mm **camera film** . The **digital** system scans 60 frames/sec using non-interlaced scanning. The first application for the new...

...be in the medical field, because its resolution and color range would permit physicians at **remote** sites to review X-rays and tissue sample slides. ...

24/3,K/5 (Item 5 from file: 16)
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02676773 Supplier Number: 43571412 (USE FORMAT 7 FOR FULLTEXT)
Consumer Electronics Show: IBM Cellular Phone/PC 01/08/93
Newsbytes, pN/A
Jan 8, 1993
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 640

... the Consumer Electronics Show, IBM's Jack Kuehler also announced an agreement with Polariod to **develop** technology for capturing color **digital images** directly without the use of conventional **film processing** .

Polariod's **camera** and instant-print technology is being combined with IBM's computer technology to capture **digital images** directly on a mobile or desktop computer. Kuehler claims the quality is two to...

24/3,K/6 (Item 6 from file: 16)
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02644202 Supplier Number: 43520942 (USE FORMAT 7 FOR FULLTEXT)
THE BUSINESS OF TECHNOLOGY: Photo op
Electronic Engineering Times, p22
Dec 14, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 569

... make that 'magic moment' less so for Kodak. With camera sales down and film and **processing** sales growth anemic, at best, the company's profitability has stalled, prompting Kodak to divest itself of unrelated businesses, circle the wagons, and brace itself for the next threat: **digital photography** .

To counter that threat, Kodak has teamed with Philips to develop an electronic-storage format...

24/3,K/7 (Item 7 from file: 16)

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02333084 Supplier Number: 43058316
American Snapshot, the Next Generation
The New York Times, pfl
June 7, 1992
Language: English Record Type: Abstract
Document Type: Newspaper; General

ABSTRACT:

...to David P Biehn, vp of the company. The standard roll of film will be **processed** by scanners into data on optical discs, which can hold up to 100 **color pictures** . Disc players will be produced by Philips (Netherlands). The technology is aimed toward the 250...

...halide film. Although electronic cameras have been introduced into the market by Canon and Sony, **picture** resolution has not been as good as even the cheapest **film camera** , and consumer acceptance has been good. Kodak controls about 33% of the \$10 bil/yr **photography** market, and its film contributes 63% or \$489 mil in operating earnings and 36% or...

...be another electronics toy that may entice consumers away from silver halide film toward the **digital** electronic cameras.
...

24/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02191406 Supplier Number: 42852189 (USE FORMAT 7 FOR FULLTEXT)
3M, Wesco To Develop Film Scanner for Electronic Imaging 03/23/92
Newsbytes, pN/A
March 23, 1992
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 242

... to be transferred to the newer electronic imaging storage systems.
Under the agreement, WESCO will **develop** a microfilm digitizing station based on 3M's 7710 reader scanner, for use in EIM systems. The digitizing station will capture **roll film** and microfiche frames as **digital images** , format the **images** to the specification of the target EIM system, and then pass them via a **network** to the EIM system.
3M said that because the digitizing station is directly connected to
...

24/3,K/9 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02116821 Supplier Number: 42744882 (USE FORMAT 7 FOR FULLTEXT)
Kodak Fun Saver TeleFoto 35 Single-Use Camera MANUFACTURER: Eastman Kodak Company
Product Alert, v0, n0, pN/A
Feb 10, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 138

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...in March as the fifth in the series. Featuring a telephoto lens and high-speed **film** , this **camera** "enables **picture** -takers to get close-up **color images** of **distant** subjects." Because of the telephoto lens, the

film image is more than twice the size of one from a conventional single-use camera. Intended for picture-taking in daylight or brightly lit areas, the Camera is loaded with a 24-exposure...

...After taking 24 exposures, consumers simply bring the camera to the photofinisher, who removes and processes the film and can return the camera components to Kodak for recycling. Eastman Kodak Company...

24/3,K/10 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01895026 Supplier Number: 42410733 (USE FORMAT 7 FOR FULLTEXT)
DIGITAL COMPRESSION USED IN STILL VIDEO
Screen Digest, pN/A
Oct, 1991
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 175

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...106, Japan; +81/3/3406-2111) is claimed to feature first commercial application of an image compressing integrated circuit. Adaptive Discrete Cosine Transform (ADCT) compression algorithm enables up to 21 video images, each of 400,000 pixels, to be digitally stored on a 20-pin 8Mb memory card. Price of new camera is Y680,000 (\$4,974). Stored images can be transferred from the card to computer via a memory card processor that costs \$3,300.

24/3,K/11 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01699568 Supplier Number: 42117589
Digital and analog cameras take on film-based photography
Laser Focus World, p103
June, 1991
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

Toshiba (Tokyo, Japan) has developed a digital camera with an 18-bit memory card and better optics than earlier versions. The 1.2-kg IMC-200 has a frame-interline-transfer CCD image sensor and features proprietary photograph compression. The reuseable memory card for as many as 12 images needs a built-in battery, but a model expected in 1995 will eliminate that requirement...

...printing, among others. Using an ISDN line at 64-kbits/s, a 1.5-Mbit image file can be transmitted in 25-sec, vs 10-min via a standard 2400-baud modem. The firm is developing interfaces with Macintosh and IBM-compatible computers for the digital cameras. Canon (Tokyo, Japan) has also developed a film-less camera, based on analog technology. The XAPSHOT, debuted in 2/91, weighs 420-g and contains an erasable and re-recordable floppy disk that can accomodate up to 50 images. A completely charged camera is said to be useful for as many as 800 images, and is much less expensive than the Toshiba system, though some think the technology will be replaced by digital versions within-10 yrs. Other companies developing film-less cameras include Olympus, Konica, Sony, and Chinon. Fuji Film was involved in Toshiba's development work. Article includes figures. ...

24/3,K/12 (Item 12 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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01684417 Supplier Number: 42093965
Polaroid develops products for future
USA Today, p16
May 21, 1991
Language: English Record Type: Abstract
Document Type: Newspaper; Trade

ABSTRACT:

Polaroid (Cambridge, MA) is working on expanding its product line past its trademark instant **photography** products. The reason for the move is that instant **camera** and **film** sales have tapered off. The company also does not plan on waiting for the \$873...

...its patent damage suit in 1/91. Included in the new products the company is **developing**, is the Helios system that permits hospitals to take electronic **pictures** of internal body organs. The company is also **developing** **digital image** scanners that incorporate **photos** into computer-generated documents and **graphics** as well as desktop **image** printers that generate instant color **photos** from **images** housed in personal computer (PCs). Polaroid is forecast to post an estimated \$2 bil in...

24/3,K/13 (Item 13 from file: 16)
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01573316 Supplier Number: 41930059 (USE FORMAT 7 FOR FULLTEXT)
REDLAKE APPOINTS EURO-DISTRIBUTOR 03/12/91
Newsbytes, pN/A
March 12, 1991
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 198

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...A., 1991 MAR 12 (NB) -- Redlake, which claims to be a leader in the electronic **image processing** and high speed **film camera** markets, has appointed Computer General as its European **distributor**.

24/3,K/14 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01568952 Supplier Number: 41923973
Integrated Circuits Produced for Use In Digital Cameras
The Asian Wall Street Journal Weekly, p8
March 11, 1991
Language: English Record Type: Abstract
Document Type: Newspaper; General Trade

ABSTRACT:

Fuji Photo Film (Japan) and Zoran (Santa Clara, CA) have jointly **developed** an IC that will be used in a new **digital** still camera to be introduced by Fuji. **Digital** still cameras use an IC memory card rather than film, and because of this, the **pictures** they take can be **processed** easily by a personal computer. The new IC is based on Fuji's special **image processing** algorithms and Zoran's design technology. It consumes considerably less power than conventional equivalents, and compresses **image** data to a small fraction of its original size. Fuji Photo subsidiary FujiFilm Microdevices will produce and sell the new IC from 5/91. Fujix, another subsidiary, will make the **digital** still **camera**. Fuji Photo

Film claims the new IC could also have applications in ISDN systems and personal computers.
...

24/3,K/15 (Item 15 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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01354177 Supplier Number: 41602720
Das Foto-CD-System soll fuer weitere Impulse sorgen
Handelsblatt, p20
Oct 9, 1990
Language: German; NONENGLISH Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

Kodak (Stuttgart, Germany), **camera** , **film** and printing firm, and Philips (Germany), electronics firm, have together **developed** the Photo-CD system to be introduced on to the market in 1992. The system will store **photographs** electronically, thus offering an alternative to prints and slides. The Photo-CD system works by **digitally** scanning negatives or slides and resolving them into 18k pixels. The data is then compressed...

...a CD by means of a laser beam. The CDs can store up to 100 **photos** , which can be recalled on a TV set or printer with the use of a special CD player currently being **developed** by Philips. The new product should ensure the continued growth of Kodak's photo sector.

...

24/3,K/16 (Item 1 from file: 160)
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02361969
NEW PENTACAM (TM) TRANSFORMS NIKON F3 INTO A HIGH RESOLUTION VIDEO/35MM FILM CAMERA
News Release October 23, 1989 p. 1

...CCD color TV camera that still allows full use of the F3 as a 35mm **film camera** . For applications including surveillance, security, monitoring, training, documentation and photo journalism, the PentaCam system allows for simultaneous on-site and **remote** real-time viewing on a monitor, recording onto tape (in any format, including U-matic and S-VHS), direct transmission to computer electronic imaging systems, and conventional 35mm still **photography** . **Developed** by MOS, a pioneer in the field of high resolution underwater video systems, the PentaCam...

...high resolution, color video (with sound optional) of entire operations, for live, on- site and **remote** viewing as well as videotape recording and still allow taking 35mm **photographs** , the PentaCam is unique. By using the same optical system for both video and **photography** , the PentaCam system eliminates the parallax problems encountered when two different camera systems are used. Moreover, by being able to capture key **images** on film, the resulting **photographs** can be enlarged to show infinitely greater detail. Compatible with all Nikon lenses and accessories...

24/3,K/17 (Item 2 from file: 160)
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02168149
Camera uses E2PROM film
Electronic Engineering Times April 10, 1989 p. 45,53
ISSN: 0192-1541

Fuji Photo Film and Toshiba are jointly developing the IC card camera, a still camera that uses NAND-type electrically erasable programmable read-only-memory (EEPROM) to store images instead of film. The IC camera is a true digital electronic still camera, unlike the Sony Mavica that stores analog signals on floppy disks. The developers have obtained image resolution of 400 horizontal lines vs 300 with conventional electronic cameras, but their goal is 430 lines. Also under development is an digital -audio-tape (DAT) image storage subsystem capable of holding up to 1,600 pictures on a 120-min DAT tape, a 16:1 signal compression technology and a 200...

24/3,K/18 (Item 3 from file: 160)
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01892535

FLASH ADDED TO FUJICOLOR QUICKSNAP, POPULAR DISPOSABLE 35MM CAMERA
PR Newswire February 25, 1988 p. 1

... Quicksnap. The new Quicksnap Flash incorporates a built-in electronic flash, allowing users to take pictures indoors or at night. The addition of the Quicksnap Flash brings new versatility to 35mm...

... it introduced the Quicksnap last year. Like the original Quicksnap, which will continue to be distributed, the new model contains a roll of 24-exposure, top-of-the-line Fujicolor Super...

...color print film. Once all the frames are exposed, the user simply takes the entire camera to any standard film processor. "The Quicksnap has already proven itself to be the perfect 'second' camera to be used...

... camera. The Quicksnap Flash adds another dimension to the camera's utility, greatly increasing indoor picture-taking opportunities, as well as outdoors at night," said Paul Hudak, Fuji's director of...

... 3 to 10 feet. An easy-to-operate thumbwheel advances the film for the next picture. Of course, there is no need to load or unload film or batteries; both are...

24/3,K/19 (Item 4 from file: 160)
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01795009

DATA INNOVATIONS, INC. DEVELOPS THE FIRST DIGITAL CAMERA FOR USERS OF
PC-BASED CAD/CAE 2D/3D MODELING SYSTEMS
News Release September 10, 1987 p. 1

Data Innovations, Inc. has developed the computer industry's first digital camera (digital film recorder) that creates realistic print, slide or transparency reproductions of designs produced by IBM PC...

... extremely realistic features and details of computer-generated designs, such as solid models and shaded images. Designs are recorded onto high-quality instant color prints, 35mm slides or instant overhead-projection transparencies. High resolution prints, slides and overheads are generated independently of the computer system's graphics hardware. ModelViewer PC connects directly to IBM PC/XT/AT or compatibles and 386-based computers and shaded-image data files are transferred at standard PC bus speeds. Interfaces are available for AutoCAD, VersaCAD and Personal Designer software packages. Additional interfaces are currently under development.

Full text available on PTS New Product Announcements.

...

24/3,K/20 (Item 5 from file: 160)
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01187544

Inside the world's largest television screen.
NEW SCIENTIST May 2, 1985 p. 251

... screen is 40 meters wide and 25 meters high, made up of 150,000 individual **picture** elements. Each element is a plug-in unit made from 3 separate cells which work like TV tubes but which display points of light instead of whole **pictures**. In each cell, an electron source driven by 10,000 V excites a layer of...

...or blue phosphor, and the full screen draws 1 MW of power. An 8-bit **digital** signal continually changes the light output of each cell, and each 1 has 256 graded...

... a TV camera, video recorder or signals broadcast by satellite. The screen can also show **graphics** from computers and video games. Konica, meanwhile, has **developed** a camera which records still snapshots on a magnetic floppy disk instead of photographic **film**. The **camera** should be commercially available in 1986. Each 4.7 cm disk can hold 50 snapshots. The **pictures** will play back through a table-top player and TV screen.

...

24/3,K/21 (Item 6 from file: 160)
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00885946

Eastman Kodak will electronically encode its 35-mm films, a move that may improve productivity of the photo finishing industry and encourage the development of more foolproof cameras.
Wall Street Journal 3 Star, Eastern SP Edition March 11, 1983 p. 151

The coding can increase the automation of film **processing** in such ways as allowing different film types to be sorted automatically instead of by...

... that could read Kodak's coded film could automatically adjust for the speed of the **film**, which means the **camera** could more accurately set exposures. The new VR print films, introduced in early 1983, will...

... with code information, which Kodak feels it will benefit from because people will take better **pictures** and get better **processing**, meaning Kodak will sell more film and more paper. Separately, Kodak will market its high-speed motion analysis system, the Spin Physics SP 2000, in Europe through a **network** of brokers. Dun's 3/83 p26

...

24/3,K/22 (Item 7 from file: 160)
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00373363

Eastman Kodak Co (Rochester, NY) offers 12 mil bits of information sorted on one photo.
News Release (for further information apply to company indexed) May, 1977
p. 1,21

A high-quality, high resolution mechanism can derive 250-1,000 **picture** information elements/sq inch of **picture**. In three basic colors, the number of manageable photo elements multiplies to 12 mil. Applications...

... this simulation and management array fall into three main areas of information technology: space satellite **photography** , medical diagnostics, and photo **image** enhancement. The equipment--a standard **graphic** arts scanner, a digital recording stage, **processing** circuitry for digital data, and data **image** simulators--is capable also of taking information about suggested photo systems under ideal circumstances and translating the information into finished **photos** . The Kodak system, using the information it picks up from a **picture** , can simulate the **image** -making structure of whole photographic systems, including **camera** lens, **film** and **processing** equipment in a color lab. In satellite **photography** , the system can be used to correct geometric distortion of **photos** of earth. Also, it can be employed to use color to enhance desired aspects of **photos** and to clarify **images** .

24/3,K/23 (Item 1 from file: 47)
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04169973 SUPPLIER NUMBER: 16374121 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Digital imaging photography: an era of fantasy, fiction, fact, fraud & forgery.
Rohde, Russell A.
PSA Journal, v60, n12, p9(2)
Dec, 1994
ISSN: 0030-8277 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2041 LINE COUNT: 00162

... and the questions of truthfulness in DI.

Is There A Monkey On My Back?

Conventional **photography** is alive and well, already 150 years old, and will certainly be with us through...

...scanning was spearheaded by Time-Life, Inc. in 1955 with Sony introducing the first still **digital** video **camera** sans **film** and photochemical **processing** in 1981. The Living Webster Encyclopedic Dictionary (1974) reminds us that "**photography** " is The art or the **process** of obtaining accurate representations of objects by means of the chemical action of light or...

...energy on specially treated surfaces. No mention is made that film emulsions or chemical film **processing** is required to achieve this end.

Digital imaging (DI) is a large evolutionary step in...

24/3,K/24 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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04167240 SUPPLIER NUMBER: 15999717 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A world of digital images. (image sources for multimedia presentation software) (Stop Playing Games: An Entrepreneur's Guide to Multimedia) (Tutorial) (Cover Story)
Ozer, Jan
Home Office Computing, v12, n12, p76(1)
Dec, 1994
DOCUMENT TYPE: Tutorial Cover Story ISSN: 0899-7373 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 840 LINE COUNT: 00064

ABSTRACT: There are several sources for **digital** **images** for multimedia presentations, including PhotoCDs, **digital** cameras and collections of **images** on CD-ROMs. **Digital** **images** add interest to a presentation and often convey much more than text. Kodak's PhotoCD technology enables the import and storage of photo negatives or slides in **digital** formats on CD-ROMs. **Camera** stores and **film** **developers** store each **image** on the disk in five resolutions ranging from 192-by-128 pixels to 3,072-by-2,048

pixels. A sample per-slide fee is \$2.19. A digital camera such as Apple's \$749 QuickTake 100 or Logitech's \$799 FotoMan Plus can take, respectively, 24-bit color or gray-scale digital images for storage in RAM and direct uploading into computers. A number of companies offer royalty-free collections of photographic images and/or vector-based drawings on CD-ROMs. Example products from Corel, CMCD and IMSI...

24/3,K/25 (Item 3 from file: 47)
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04132005 SUPPLIER NUMBER: 16190402 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Make your digital images shine. (techniques for sharpening, blurring, embossing) (PC Tech: Tutor) (Column) (Tutorial)
Prosise, Jeff
PC Magazine, v13, n15, p319(3)
Sept 13, 1994
DOCUMENT TYPE: Tutorial ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1495 LINE COUNT: 00109

TEXT:

...access to a conventional film camera and a CD-ROM drive, you can snap your pictures and send them off for Kodak Photo CD processing : You'll get back a CD containing the images ready to be read into your computer.

24/3,K/26 (Item 4 from file: 47)
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03975637 SUPPLIER NUMBER: 14555966 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The world of film: cinema as we approach the millenium.
Villano, Mark
The Catholic World, v236, n1416, p270(6)
Nov-Dec, 1993
ISSN: 1042-3494 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3952 LINE COUNT: 00302

... around. It is still about exposing a piece of film emulsion to a natural photochemical process at a fixed speed. Camera and film advances over the century have been refinements of that basic process . Contrast this with the almost weekly obsolescence of video technology, or "electronic imaging." The standard video image has always been inferior to that of film (the clarity of which is measured in...

...or "HDTV," has achieved a standard of over a thousand lines; and at Cinesite, a digital film center in Burbank, California, the imaging process has been pushed to over 2000 lines of resolution.
Film is an artistic medium offering...

24/3,K/27 (Item 5 from file: 47)
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03874493 SUPPLIER NUMBER: 13703591 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Photo CD: the big picture. (Kodak's Photo CD digital photography storage product) (includes related articles on Photo CD drives and players and on use of the technology to create interactive presentations) (Desktop Publishing)
Guglielmo, Connie
MacUser, v9, n5, p177(7)
May, 1993
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4029 LINE COUNT: 00302

... in the future.

Photo CD 101

With Photo CD, Kodak found a way to drive photography into the digital world without having to develop new camera equipment and film. Kodak combined preexisting and new technology into a system that lets photo finishers store **processed** film in **digital** form on low-cost CD-ROMs.

In June 1992, Kodak released the Photo CD Imaging...

24/3,K/28 (Item 6 from file: 47)

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03852458 SUPPLIER NUMBER: 13438394

Photography by the numbers. (Hardware Review) (Eastman Kodak Co.'s DCS 200ci, Sony Corp. of America's MVC-7000 electronic cameras) (Reviews) (Evaluation)

Eglowstein, Howard

Byte, v18, n1, p241(3)

Jan, 1993

DOCUMENT TYPE: Evaluation

ISSN: 0360-5280

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: Sony MVC-7000 electronic still cameras are evaluated, and both are amazing. Electronic cameras capture **images** electronically without film. The DCS 200ci is a downsized version of the DCS 100. The 200ci is built around the smaller Nikon 8008 and looks and is used as a **film camera**, and its auto-focus and auto-exposure features make it as easy to use as...

...The back of the camera consists of a 1524 x 1012-pixel-resolution CCD array, **image** memory, hard drive, **processing** unit and batteries. The DCS 200ci is easy to use and takes great **pictures**. The Sony MVC-7000 is not really a **digital** camera in that it captures **images** on CCD elements but stores them as analog video still **images** on removable floppy disks, each of which can hold 25 complete video frames, or 50 **images** when stored as fields. The MVC-7000 also takes great **pictures** and is easy to use. The resolution of both cameras is lower than that of...

24/3,K/29 (Item 7 from file: 47)

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03729389 SUPPLIER NUMBER: 12848463

Smile for the computer. (digital photography) (includes related article on digital photography in space exploration)

Chien, Philip

Byte, v17, n12, p139(4)

Nov, 1992

ISSN: 0360-5280

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: **Digital** photography combines traditional photographic technology with computers to convert **images** into **digital** form and store and edit them. Conventional silver-halide film **images** remain superior for some applications, but **digital** **images** often resemble film **images** so closely that differences are not noticeable. **Digital** cameras are often used by news services and are ideal for inserting **graphics** into computer documents; they are also well suited for developing an **image** library. Kodak's PhotoCD technology stores **images** on CD-ROM, but the disks are not yet compatible with existing CD drives. A **digital** camera uses charge coupled devices (CCDs) to collect **images**. True **digital** cameras combine microprocessors with the optics of a **film camera**, focusing an **image** onto a CCD instead of a roll of film. Still-video cameras use non-standard

2-inch floppy disks to store **image** data in analog format. True **digital** cameras are limited in resolution only by the density of the light-sensitive pixels on the CCD; sophisticated units offering high resolution are very costly. Guidelines for selecting a **digital** camera are included.

24/3,K/30 (Item 8 from file: 47)
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03223814 SUPPLIER NUMBER: 07284949 (USE FORMAT 7 OR 9 FOR FULL TEXT)
From screen to slide - affordably. (Hardware Review) (overview of evaluations of seven film recorders) (includes related article on a test of the recorders' output in a realistic slide show environment) (evaluation)
Fersko-Weiss, Henry
PC Magazine, v8, n4, p199(27)
Feb 28, 1989
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5158 LINE COUNT: 00389

... and blue filters to the film in a camera. The main difference is that the **image** on the film recorder's CRT is built up pixel by pixel and line by line from **digital** information passed through the computer's **processor**. This is the main reason that **digital** recorders are so much slower than their analog counterparts.

Since the digital information functions as...

24/3,K/31 (Item 9 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2000 The Gale group. All rts. reserv.

02797904 SUPPLIER NUMBER: 04240850
Lasergraphics MPS-2000: putting it all on film: screen cameras and film recorders. (Hardware Review) (evaluation)
Rosch, Winn L.
PC Week, v5, n9, p188(2)
May 13, 1986
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: Lasergraphics Inc. consists of a modified Polaroid Palette for the imaging operation and a proprietary **image processor**, and the Lasergraphics **Digital** Controller with Full-Function Control Panel, which makes most software unnecessary. The \$6,995 system (with a 35mm **camera** and film pack **camera** backs, either Lasergraphics language or the Hewlett-Packard **Graphics** Language, and 256Kbytes of RAM) requires a serial port, and offers several advantages over plotters, including time saving by making it unnecessary to **photograph** plotter output and allowing transparencies to be plotted in only a minute, and in providing...

24/3,K/32 (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2000 The Gale Group. All rts. reserv.

01112907 Supplier Number: 39974138
US, Allies Focus on Upgrading Reconnaissance Aircraft With Video Cameras
Defense News, v2, n28, p8
Feb 23, 1987
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Tabloid; Trade

ABSTRACT:

...US and its NATO allies are considering replacing film cameras carried aboard reconnaissance aircraft with digital video equipment. The US Air Force favors video reconnaissance equipment over the film-based camera for several reasons. Reconnaissance photos taken with conventional cameras cannot be reviewed until the pilot returns to the ground and the film is processed. Video images can be sent immediately via a data link to a ground station where the information...

...on mobility requirements because there is no longer any need for crews or equipment to develop the film. The primary drawback to video-based systems is that their images are not as clear as film images.

File 233:Internet & Personal Comp. Abs. 1981-2000/Sep

(c) 2000 Info. Today Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2000/Aug

(c)2000 Info.Sources Inc

File 278:Microcomputer Software Guide 2000/Sep

(c) 2000 Reed Elsevier Inc.

Set	Items	Description
S1	136581	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	26091	S1(3N) (SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FIL- E?)
S3	98783	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	60	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	135402	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	20341	ACCEPT? OR RECEIV?
S7	24340	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	1859	NUMBERED OR CODED OR NUMERICAL?
S9	0	S2 AND S3 AND S4 AND (S5 OR S6) AND S7
S10	35	S1 AND S5 AND S3 AND S4
S11	0	S10 AND S8
S12	0	S10 AND S6 AND S7
S13	5	S10 NOT (PY=>1995 OR PD=>951224)
S14	5	RD S13 (unique items)

14/3,K/1 (Item 1 from file: 233)
 DIALOG(R)File 233:Internet & Personal Comp. Abs.
 (c) 2000 Info. Today Inc. All rts. reserv.

00319587 93HR07-002

Image is everything - the importance of importing images -- There are a variety of technologies at your disposal for bringing graphics into your PC. Which is the best way to do it on a tight...

Bunzel, Tom

High Color , July 1, 1993 , v2 n4 p37-42, 4 Page(s)

ISSN: 1060-5282

Image is everything - the importance of importing images -- There are a variety of technologies at your disposal for bringing graphics into your PC. Which is the best way to do it on a tight.....

Presents an overview of the various devices available for importing text and graphics into your computer system. Explains that scanners are devices that allow the user to import both text and still images , both in black and white and in color. Reports that these images are then available for computer manipulation. Explains that it is now possible to capture video...

... as well as boards that transmit live television signals directly into the computer. Notes that digital video editing is becoming more popular with advancements in hardware interfacing technology. Says the old 'film' camera is now giving way to the 'filmless' or capture camera, so that still photography is going digital . Contains nine photo and one vendor information chart. (GMR)

Descriptors: Image Processing ; Digital Video; Scanner; Color; Electronic Publishing; Desktop Publishing; Photography

14/3,K/2 (Item 2 from file: 233)
 DIALOG(R)File 233:Internet & Personal Comp. Abs.
 (c) 2000 Info. Today Inc. All rts. reserv.

00318768 93PM07-015

Logitech's FotoMan Plus camera now snaps a sharper image

Taylor, Wendy

PC/Computing , July 1, 1993 , v6 n7 p70, 1 Page(s)

ISSN: 0899-1847

Company Name: Logitech

Product Name: FotoMan Plus; FotoTouch for Windows

Logitech's FotoMan Plus camera now snaps a sharper image

Presents a favorable review of FotoMan Plus (\$799), a digital camera from Logitech of Fremont, CA (800, 510). Runs with IBM PC compatibles and Windows...

... requires no focusing and gives resolution of 496 by 360 pixels, for black-and-white images . Says there is good contrast, though not comparable to film -quality. The camera also features automatic built-in flash, and 100-hour battery life. Images can saved to disk as TIF, PCX, BMP, or EPS files, taking about 15 220K...

... each, without compression. In addition, a retouching program, FotoTouch for Windows, is included. Includes three photos . (jo)

Descriptors: Camera; Photography ; Digital Video ; Hardware Review; Hardware; Window Software; Image Processing

14/3,K/3 (Item 3 from file: 233)
 DIALOG(R)File 233:Internet & Personal Comp. Abs.
 (c) 2000 Info. Today Inc. All rts. reserv.

00264730 92PI01-107

Digital Palette CI-3000 -- The Best of 1991

Poor, Alfred

PC Magazine , January 14, 1992 , v11 n1 p138, 140, 2 Page(s)

ISSN: 0888-8507

Company Name: Polaroid

Product Name: **Digital** Palette CI-3000

Digital Palette CI-3000 -- The Best of 1991

Product Name: **Digital** Palette CI-3000

Presents a very favorable review of **Digital** Palette CI-3000 (\$4495), a film recorder from Polaroid Corp. of Cambridge, MA (800, 617). Runs with Harvard **Graphics** 3.0, Freelance **Graphics** for OS/2 and Applause II among other applications; requires a 286-based PC or...

... operation, though 2MB is recommended. Features include 33-bit color support, a pair of standard **camera** backs, a **film processor** and a 3-inch diagonal CRT. First reviewed on page 328 of the issue dated May 14, 1991. **Digital** Palette comes with an imaging utility for CGM, Targa and TIFF files; optional utilities can...

... BMP formats, among others. Says also though the recorder offers only 2000-line resolution, the **image** quality clearly beats more expensive higher-resolution units; it is easy to operate and install...

Descriptors: **Photography** ; **Image Processing** ; **Hardware Review** ;
Consumer Information

Identifiers: **Digital** Palette CI-3000; Polaroid

14/3,K/4 (Item 4 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00112177 85CG10-002

The Matrix PCR/QVP recording camera

McGrath, Richard A

Computer Graphics World , Oct 1985 , v8 n10 p95-98, 3 Pages

ISSN: 0271-4159

PC FOCUS column presents an overview of the PCR/QVP, a **digital film** recording **camera** and **processing** board system for the IBM PC and compatibles from Matrix Instruments. States that it is compatible with many business **graphics** packages and records high-resolution slides. Says that it comes with three manuals. Includes one...

Descriptors: **Camera**; **IBM Personal Computer**; **Expansion Board**; **High Resolution Graphics** ; **IBM PC Compatible**; **Hardware Evaluation**

14/3,K/5 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

(c)2000 Info.Sources Inc. All rts. reserv.

00054295 DOCUMENT TYPE: Review

PRODUCT NAMES: **ImagePrint** (466981)

TITLE: **Color It Successful**

AUTHOR: Staff

SOURCE: Document Delivery World, v9 n4 p20(2) Jun/Aug 1993

ISSN: 1067-0815

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19940330

Polaroid Corporation has introduced its first desktop color film recorder,

the Digital Palette S Series. The product, which achieves up to a 100 percent increase in throughput...

...software included in the package offers new film tables, and fine-tuning capabilities such as camera back and film sizing adjustments. ImagePrint includes direct drivers for Lotus Freelance Graphics , and SPC's Harvard Graphics . This compatibility makes Polaroid film records compatible with any software which generates CGM, TIFF, or...

DESCRIPTORS: Image Processing ; Graphics Tools; Photography

File 9:Business & Industry(R) Jul/1994-2000/Sep 22
 (c) 2000 Resp. DB Svcs.
 File 15:ABI/Inform(R) 1971-2000/Sep 22
 (c) 2000 Bell & Howell
 File 484:Periodical Abstracts Plustext 1986-2000/Sep W3
 (c) 2000 Bell & Howell
 File 553:Wilson Bus. Abs. FullText 1982-2000/Aug
 (c) 2000 The HW Wilson Co
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 624:McGraw-Hill Publications 1985-2000/Sep 21
 (c) 2000 McGraw-Hill Co. Inc

Set	Items	Description
S1	2456403	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	148625	S1(3N) (SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	1201025	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	2798	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	3446026	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	1565443	ACCEPT? OR RECEIV?
S7	1888763	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	75851	NUMBERED OR CODED OR NUMERICAL?
S9	0	S2(S)S3()S4(S) (S5 OR S6) (S)S7
S10	136	S1(S)S5(S)S3(S)S4
S11	0	S10(S)S8
S12	2	S10(S)S6(S)S7
S13	2	RD S12 (unique items)
S14	12	S10(S)S7
S15	2	S14 NOT (PY=>1995 OR PD=>951224)
S16	1	S15 NOT S13
S17	197	PICTUREVISION OR PICTURE()VISION
S18	181	S17(S)S3
S19	14	S18(S)S6
S20	0	S19 NOT (PY=>1995 OR PD=>951224)
S21	13	RD S19 (unique items)
S22	13	S21 NOT (S13 OR S16)
S23	23	S10 NOT (PY=>1995 OR PD=>951224)
S24	23	RD S23 (unique items)
S25	21	S24 NOT (S22 OR S13 OR S16 OR S20)

13/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00168882 82-10443

Photo Firm Develops Paperless System

Anonymous

Computerworld v16n13 PP: 49-50 Mar 29, 1982

ISSN: 0010-4841 JRNL CODE: COW

ABSTRACT: Although over 250,000 orders per year go through Eastman Kodak's regional distribution center at Rochester, New York, its order entry system uses both data and image processing indexing methods and is virtually paperless. There has been an estimated savings of 90% of...

... methods, as well as a saving of over \$12,000 in maintenance costs. The company receives and acts upon most orders electronically, however, it does receive or generate about 8,500 pieces of paper a day which are then keyed into...

... an IBM System/38 which perform parallel functions, but for different classes of trade. Customers receive a paper invoice from the main IBM computer, which also creates 2 magnetic tapes. One tape is used as an index to the invoice images which are created when the other tape is transferred to 16mm roll film by a computer-output microfilmer. Kodak's Information Services Division uses a distributed electronic filing method. The Division also maintains the only detailed record of customer transactions. ...

13/3,K/2 (Item 1 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

03544460 H.W. WILSON RECORD NUMBER: BWBA97044460 (USE FORMAT 7 FOR FULLTEXT)

Pixel pictures.

AUGMENTED TITLE: Casio QV-10A; Kodak DC25 and DC50

Medlin, Kim

Builder (National Association of Home Builders) (Builder) v. 20 (May '97)

p. 232

LANGUAGE: English

WORD COUNT: 519

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... alter dramatically the way builders will take photographs in the future.

The old paradigm of photography went something like this: Purchase camera and film, take pictures, have them developed, and receive paper-based photographs. The new paradigm, however, is simpler and cheaper: Purchase digital camera, take pictures, download them to a personal computer, and print or display them as needed.

I incorporate...

?t16/3,k/all

16/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00305936 86-06350

Polaroid Clicks Instantly in Moslem Market

Harper, Timothy

Advertising Age v57n8 PP: 12 Jan 30, 1986

ISSN: 0001-8899 JRNL CODE: ADA

...ABSTRACT: to carve out its markets in the region primarily through the special appeal of instant **photography** . Arabs were able to retain family privacy as film laboratories were not needed for **developing** . Eastman Kodak did mount a recent competitive challenge in the area with its less expensive instant camera and film . However, a January US district court decision has barred Kodak from the instant **photography** market due to patent violations. Nevertheless, Polaroid will continue its expansion plans, training **distributors** and sales clerks and using a marketing mix that respects each country's culture. Polaroid, with advertising **purchaser** Ogilvy & Mather Worldwide, opts for advertisements on local television and in the pan-Arabic press.
?t22/3,k/all

22/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

02708383 (USE FORMAT 7 OR 9 FOR FULLTEXT)

PictureVision Patents Online Photofinishing Process

(PictureVision receives US patent covering the end-to-end process of online photofinishing; patent provides for processing of digital images from photographic images and producing prints from created digital images)

Newsbytes News Network, p N/A

February 04, 2000

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 319

(PictureVision receives US patent covering the end-to-end process of online photofinishing; patent provides for processing of digital images from photographic images and producing prints from created digital images)

22/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

02081468 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Marketing Challenges Face Digital Cameras, APS

(Digital convergence, already exerting decisive influence within consumer electronics industry, now is moving rapidly up learning curve in photo industry)

Brandweek, v XXXIX, n 7, p 9

February 23, 1998

DOCUMENT TYPE: Journal ISSN: 1064-4318 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 947

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Samsung's CE campaigns via The Arnell Group, N.Y.

With its 51% stake in **PictureVision** , Kodak is poised to launch the world's largest online consumer photographic network. The acquisition...

...based digital imaging services at more than 40,000 retail locations. The new service, combining **PictureVision** 's PhotoNet and Kodak's picture network, will enable consumers to have their film and **photos** scanned and stored, and to receive output in the form of **photos** , reprints, enlargements, gifts and specialty items. Kodak is just starting to plan what clearly will...

22/3,K/3 (Item 3 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

02042503 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Get The Picture Online -- Storage system lets photo labs expand delivery options
(Open Systems Solutions resells Symbios MetaStor RAID systems, which are part of PictureVision's solution for distributing photos online, on CD-ROM or via traditional prints)
Information Week, p 136
January 19, 1998
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 448

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...from its Herndon, Va., headquarters. The management software is provided by Open Systems Solutions.

"Allowing photos to be viewed online gives a lot of flexibility to consumers," says PictureVision CEO Phil Garfinkle. "You don't have to have reprints made to send to family members-they can receive the photo by E-mail or access them on a Web site. There are also...

22/3,K/4 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

02042224 (USE FORMAT 7 OR 9 FOR FULLTEXT)
VAR zooms in on new market
(Open Systems Solution, a value-added reseller, is the channel partners behind the MetaStor RAID storage systems from Symbios Inc)
Computer Reseller News, p 43
January 19, 1998
DOCUMENT TYPE: Journal ISSN: 0893-8377 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 519

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...from PictureVisions' Herndon, Va., headquarters. The management software is provided by Open Systems Solution.

"Allowing photos to be viewed online gives a lot of flexibility to consumers," said PictureVision Chief Executive Phil Garfinkle. "You don't have to have reprints made to send to family members-they can receive the photo by E-mail or access them on a Web site," he said. "There...
...who want the extra boost of security offered by negatives, most photo labs offering the PictureVision service return a customer's negatives.

The storage capacity of the MetaStor systems are scalable...

22/3,K/5 (Item 5 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01916106
ISRAELI FIRM PUTS PHOTOS ON-LINE
(PictureVision Ltd (Israel) will place family photos on Internet for about \$5 per roll and send them to any site worldwide)
Chicago Tribune, p 3;1+
August 06, 1997

DOCUMENT TYPE: Regional Newspaper ISSN: 0951-3175 (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

PictureVision Ltd. (Jerusalem, Israel) hopes to prosper by placing family photos on the Internet for \$5 or more a roll and electronically sending them to any...

...world's first service that allows customers to order, store, view, enhance or e-mail pictures or any other photos on the Internet by having their rolls of film developed at one of thousands of...

...R&D is done in Jerusalem, while its sales and marketing headquarters are in Virginia. PictureVision will receive software support this year from Microsoft Picture It!, MGI PhotoSuite and Adobe's PhotoDeluxe. PhotoNet customers are currently putting up an average...

...2,500 rolls of film a week on the Internet, which is about 10% of PictureVision 's initial projections.

...

22/3,K/6 (Item 6 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01782786 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Konica

(Konica Quality Photo's Online Photo Center will be available to all retail customers nationwide)

Discount Store News, p 17

March 17, 1997

DOCUMENT TYPE: Journal ISSN: 0012-3587 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 96

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Internet photo service allows photofinishing consumers using their 35mm cameras and film to have their pictures uploaded through the Internet in addition to receiving prints. The price for the service is an additional \$5.90 for up to 36...

...their roll of film. The OnLine Photo Center is part of the PhotoNet, developed by PictureVision Inc., a new service that provides consumers with a way to store, view, order and enhance photos using the Internet.

...

22/3,K/7 (Item 7 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01713656 (USE FORMAT 7 OR 9 FOR FULLTEXT)

PhotoNet develops

(PictureVision's Web-based digital photography services offered at 2,500 stores; expects 15,000 stores to sign up by later-1997)

Computer Retail Week, v 7, n 160, p 6+

January 06, 1997

DOCUMENT TYPE: Journal ISSN: 1066-7598 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 413

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Web site and then order prints.

"Computers, not shoeboxes, are the ideal place to store **photographs** ," said Garfinkle, whose company **receives** a licensing fee from participating chains, which now include Wolf Camera & Video, Ritz Camera, Konica...

...to retailers varies, but a small independent can expect to pay \$1,500 per year. **PictureVision** has been testing PhotoNet through 15 Wolf Camera stores since February 1996.

The typical cost...

22/3,K/8 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01637415 02-88404

Top Ten Career Catalysts

Messmer, Max

TMA Journal v18n3 PP: 6-10 May/Jun 1998

ISSN: 1080-1162 JRNL CODE: JCG

WORD COUNT: 1812

...TEXT: to shift priorities and manage workloads in constantly changing times is critical.

Your readiness to **accept** assignments and do whatever it takes to get the job done shows you're a...

... who can see beyond the scope of their own duties and contribute to the big **picture** vision of the firm's future.

10. Stay Upbeat

A positive attitude, especially under deadline pressures...

22/3,K/9 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01588615 02-39604

Marketing challenges face digital cameras, APS

Elkin, Tobi

Brandweek v39n8 PP: 9 Feb 23, 1998

ISSN: 1064-4318 JRNL CODE: IADW

WORD COUNT: 974

...TEXT: Samsung's CE campaigns via The Arnell Group, N.Y.

With its 51% stake in **PictureVision** , Kodak is poised to launch the world's largest online consumer photographic network. The acquisition...

...based digital imaging services at more than 40,000 retail locations. The new service, combining **PictureVision** 's PhotoNet and Kodak's **picture** network, will enable consumers to have their film and **photos** scanned and stored, and to **receive** output in the form of **photos** , reprints, enlargements, gifts and specialty items. Kodak is just starting to plan what clearly will...

22/3,K/10 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01567164 02-18153

VAR zooms in on new market

McGee, Marianne Kolbasuk

Computer Reseller News n772 PP: 43-44 Jan 19, 1998

ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 543

...TEXT: Solution.

"Allowing photos to be viewed online gives a lot of flexibility to consumers," said **Picture Vision** Chief Executive Phil Garfinkle. "You don't have to have reprints made to send to family members-they can receive the photo by E-mail or access them on a Web site," he said. "There...

... who want the extra boost of security offered by negatives, most photo labs offering the **Picture Vision** service return a customer's negatives.

The storage capacity of the MetaStor systems are scalable...

22/3,K/11 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1455977

PHTH037

World's Messiest and Cleanest Kids Win Parents Free Maid Service for One Year

DATE: April 15, 1999

12:54 EDT

WORD COUNT: 728

... the Czelusniak family of Malta, New York. That's the grand prize both families will receive as the first place winners of The Messiest and Cleanest Kids' Rooms Contest, a three month online **photography** contest on Kodak PhotoNet online(TM) sponsored by THE MAIDS International, an Omaha, Nebraska-based residential cleaning service and **PictureVision**, Inc., a Herndon, VA, based subsidiary of Eastman Kodak Company.

The Kann family won the...

...were delivered by THE MAIDS to homeowners throughout North America.

The two grand prize winners received a year's worth of free maid service while 35 other lucky winners received Kodak digital cameras, subscriptions to Family PC magazine, and Kodak PhotoNet online service free, for...

... away as Quebec. "Kodak PhotoNet online is about helping families see, share and use their **pictures** on their computer," says Keith Fleming, director of marketing for **PictureVision**, Inc., Kodak's online **photography** division. "What more effective way to share **pictures** than with a photo contest capturing a family's greatest visual -- kids trying to keep...

22/3,K/12 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire

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1314552

NYM024

Paradise Music & Entertainment Announces Seven Emmy Nominations For Picture Vision

DATE: July 27, 1998

08:02 EDT

WORD COUNT: 849

... music specials for television, music videos and other music based products in television and film.

Picture Vision received six (6) Emmy nominations for its

production "Garth Live from Central Park" which was produced...

22/3,K/13 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1054643 SFM053
Adobe PhotoDeluxe Expands Internet Functionality

DATE: February 10, 1997 13:01 EST WORD COUNT: 1,014

...to friends, family members and business associates."<

Photo Development on the Internet

With support for **PictureVision** 's online services, Adobe PhotoDeluxe users can easily digitize their **photographs** online. The **PictureVision** Online Photo Center offers consumers a simple, yet powerful way to order, store, view and enhance **photos** using the Internet. Users can take their undeveloped film to a participating PhotoNet retailer, and in addition to **receiving** prints, their **pictures** are posted on **PictureVision** 's Online PhotoCenter. Users can download the **images** directly to their computer using the Adobe PhotoDeluxe Get Photo feature, and then edit and upload the **images** back to the Online PhotoCenter. **Images** can be stored on the Online PhotoCenter site, shared with others to whom users grant...
?t25/3,k/all

25/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01047260

NIKON, FUJI TO MAKE DIGITAL CAMERAS
(Nikon jointly developed a professional-use, single-lens reflex digital camera with Fuji Photo Film Co)
Nikkei Weekly, v 32, n 1635, p 8
August 29, 1994
DOCUMENT TYPE: Journal; News Brief (Japan)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

Nikon Corp has jointly developed a professional-use, single-lens reflex digital camera with Fuji Photo Film Co. The camera can record and transfer 84 digital images to personal computers. The product will be marketed under the firms' own brand names, with...

25/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01019692

Kodak's New Strategy: Just Pictures
(Eastman Kodak's new strategy is to focus on just pictures)
New York Times, v 143, n 49686, p C1
May 04, 1994
DOCUMENT TYPE: National Newspaper ISSN: 0362-4331 (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

Eastman Kodak Co's (Rochester, NY) new strategy is to focus on just pictures, as it moves out of the markets for household products, pharmaceuticals and medical tests. Some...

...of Kodak's US\$16.7 bil in 1993 revenues. Kodak will build upon its camera and film business as it continues to work on methods of capturing

images in **digital** form to be stored and **processed** as computer files. Investors have been pressuring Kodak to reduce costs and improve performance. B...

25/3,K/3 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00900053 95-49445

Insurance sales and digital cameras

Fitzpatrick, Edmund W

Journal of the American Society of CLU & ChFC v48n5 PP: 46-47 Sep 1994

ISSN: 0742-9517 JRNL CODE: CLU

WORD COUNT: 1235

...TEXT: through the lens to a photosensitive film. After exposure, you need to get the film **developed**, which is done using a chemical solution. You could, of course, then scan the resulting **picture** into your PC. With a **digital** camera, light passes through the lens and lands on a photosensitive silicon chip. The **image** is converted to **digital** format (there is an automatic adjustment for contrast and detail), and the camera puts the **picture** in its **image** file memory. When you get back to your PC, you use a cable to transfer the **image** file to your PC, where you can edit it and store it. Some cameras store the **images** on a floppy disk or a card, which you can insert into your PC.

I...

25/3,K/4 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00723440 93-72661

The Photo CD Strategy: A Revolution in Imaging?

McCabe, Georgia L.

CD-ROM Professional v5n1 PP: 18-24 Jan 1992

ISSN: 1049-0833 JRNL CODE: LDP

WORD COUNT: 2836

...ABSTRACT: new product, Photo CD, is the first truly new photographic medium since the invention of **roll film** over 100 years ago. The union of film and electronics, Photo CD allows consumers and professionals to combine the **image** quality of film with the convenience of **digital** storage and manipulation. Photo CD is aimed at 2 broad markets: consumer and commercial. Segments...

... that are particularly amenable to the advantages of Photo CD include desktop publishing, multimedia, presentation **graphics**, and computer-aided design. Kodak has **developed** a broad strategy to become a leader in desktop imaging, with Photo CD the flagship...

... to provide the enabling technologies and tools that the computer industry needs to begin treating **images** as they do other type of data and to begin building applications that accept and use **images** as ubiquitously as they do text and **graphics**.

25/3,K/5 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00709162 93-58383

Q&A: Phillip Moffitt & Rick Smolan

Anonymous

Forbes ASAP Supplement PP: 61, 65 Jun 7, 1993

...TEXT: inevitable. The implications for the business of photography are more immediate, however. The image-capture process --whether to use a film camera or to go digital and invest in a scanner to turn conventional images into digital --is going to face the professional very soon. The ability to manipulate the photograph is going to change the business too. Say a favorite photograph of your child has the "red eye" effect. Well, that can be easily changed. Or...

25/3,K/6 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00620601 92-35703
Reader/Printers Make Micrographics Better
Lents, Mike
Office v115n6 PP: 50-52, 46-48 Jun 1992
ISSN: 0030-0128 JRNL CODE: OFF

...ABSTRACT: printers, already among the most successful of all information management tools, are getting better. Product developments have led to a new generation of machines that are smarter, more adaptable and more cost-effective. These advancements - with impressive features such as automated retrieval, digital imaging, and networking - are blurring the distinction between traditional micrographics and electronic imaging and making micrographics more efficient...

... features and capabilities formerly available only on high-end units. Options include dual lens systems, image rotation, and multiple carriers that handle any fiche or roll-film application. An emerging type of reader-printer is providing users with unprecedented capabilities in processing and distributing micrographics images. A buyer's guide to micrographic readers and reader-printers is included. ...

25/3,K/7 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00360303 87-19137
Cameras: Forget F-Stops, Start Having Fun
Redmond, Steve
Marketing v29n5 PP: 22-23 Apr 30, 1987
ISSN: 0025-3650 JRNL CODE: MAR

...ABSTRACT: a broader range of products and emphasizing the enjoyment rather than the technical aspects of photography. Although black remains the major color for the company's cameras, Halina will introduce a...

... compact cameras in June. Another nontraditional idea that Silber is pursuing is a Driver's Photography Kit that will be sold in gas stations and will include: 1. a camera, 2. film, 3. batteries, and 4. an advice booklet. In the past 5 years, Silber has developed volume, building a brand almost entirely through distribution. It now will attempt to increase the brand's value with up-market products and...

25/3,K/8 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abstracts Plustext
(c) 2000 Bell & Howell. All rts. reserv.

01976743 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Document management
Lundgren, Terry D

Jan 1994

ISSN: 0883-2323 JOURNAL CODE: IJEB

DOCUMENT TYPE: Commentary

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3041

LENGTH: Long (31+ col inches)

TEXT:

... media is shown in Figure 1. (Figure 1 omitted)

Today, document storage systems are both **digital** and **image** based. Documents **processed** by **camera** to **film** media must be **image** based, but their index in a computer-aided retrieval (CAR) system is often in a **digital** format and resides on magnetic media. Though CAR and related film systems continue to be viable, the trend is clearly toward **digital image** and text systems (Shaw, 1993). The fatal flaw with film systems is that the medium is not **digital**, and therefore it cannot be shared among multiple users and it cannot be telecommunicated or used on a **network** of users. Businesses that require the **digital** format can use special scanners to convert the film.

Documents that are scanned and converted...

25/3,K/9 (Item 2 from file: 484)

DIALOG(R)File 484:Periodical Abstracts Plustext

(c) 2000 Bell & Howell. All rts. reserv.

01566063 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Eye tech

Callahan, Sean

Forbes (FBR), (Suppl.), p56-67, p.8

Jun 7, 1993

ISSN: 0015-6914 JOURNAL CODE: FBR

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5358

LENGTH: Long (31+ col inches)

TEXT:

... inevitable. The implications for the business of photography are more immediate, however. The image-capture **process** --whether to use a **film camera** or to go **digital** and invest a scanner to turn conventional **images** into **digital** --is going to face the professional very soon. The ability to manipulate the **photograph** is going to change the business too. Say a favorite **photograph** of your child has the "red eye" effect. Well, that can be easily changed. Or...

25/3,K/10 (Item 3 from file: 484)

DIALOG(R)File 484:Periodical Abstracts Plustext

(c) 2000 Bell & Howell. All rts. reserv.

00609002

Fun with Digitized Graphics

Cassing, Cass

PSA Journal (IPSA), v56 n6, p22-26

Jun 1990

ISSN: 0030-8277 JOURNAL CODE: IPSA

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Abstract

LENGTH: Long (31+ col inches)

ABSTRACT: Digitized **graphics** is analog data converted to a **digital** format that can be adjusted by the computer operator. Photographers who want to produce digitized **graphics** need a regular **camera**, **film**, **lenses**, a computer with the ability to copy **pictures** and a **processing** lab. Suggestions on digitizing are presented.

25/3,K/11 (Item 1 from file: 553)
DIALOG(R) File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

02809049 H.W. WILSON RECORD NUMBER: BWBA94059049
Digital imaging boom exploits technologies.
AUGMENTED TITLE: special report; cover story
Aviation Week & Space Technology (Aviat Week Space Technol) v. 140 (June 6 '94) p. 40-6+
LANGUAGE: English

ABSTRACT: A special report examines digital imaging in the aerospace industry. Digital imaging, formerly used in limited capacities in flight simulators and reconnaissance systems, is now being used throughout the aerospace industry. A revolution in microelectronics has provided the signal processing, memory storage, and communications technology that allow for wider uses of digitally stored and transmitted images. Film camera photographs still provide superior resolution and image quality, but digital cameras may emerge as the imaging systems of the future, according to Donald L. Light of the National Aerial Photography Program at the U.S. Geological Survey. Various digital imaging systems being used or tested by the military and other institutions are described. Related articles discuss the hardware challenges that digital imagery presents and the imagery advances required to create real-time targeting systems.

25/3,K/12 (Item 2 from file: 553)
DIALOG(R) File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

02780151 H.W. WILSON RECORD NUMBER: BWBA94030151
New Kodak strategy: just pictures.
Holusha, John
New York Times (Late New York Edition) (N Y Times (Late N Y Ed)) (May 4 '94) p. D1-D2
LANGUAGE: English

...ABSTRACT: he would adopt the strategy George Eastman formulated over 100 years ago and focus on pictures. Fisher, who came to the company from Motorola in December, said Kodak will sell its...

...Kodak's \$16.7 billion in revenues for 1993. Kodak plans to expand its traditional film and camera business and continue to perfect techniques for capturing images in digital form and storing and processing them as computer files.

25/3,K/13 (Item 3 from file: 553)
DIALOG(R) File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

02540256 H.W. WILSON RECORD NUMBER: BWBA93040256
At Polaroid, big hopes for a smaller camera.
AUGMENTED TITLE: Captiva instant camera
Holusha, John
New York Times (Late New York Edition) (June 9 1993) p. D3
LANGUAGE: English

...ABSTRACT: the Polaroid Corporation announced the Captiva, a new, smaller instant camera that is meant to develop a new market. The Captiva is different from most Polaroid products in that it does not discharge pictures after the shutter is pressed but transports film inside the camera to a viewing area and container on the back. Polaroid officials say that the process would enable users to take subsequent pictures without having to find a place for the previously exposed shots. The company will begin...

...119-\$139, in July, and Polaroid officials say that the Captiva should be in full distribution by September.

25/3,K/14 (Item 4 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

02276396 H.W. WILSON RECORD NUMBER: BWBA92026396
Processing images from film and filmless cameras.
AUGMENTED TITLE: Kodak DCS digital camera
Rosenberg, Jim
Editor & Publisher, the Fourth Estate (Ed Publ Fourth Estate) v. 125 (Mar. 14 '92) p. 10P
LANGUAGE: English

ABSTRACT: Part of a special section on **photography** in newspapers. The **processing of images** taken with a Kodak DC3/B digital camera system and with a model 8008 Nikon film camera is described.

25/3,K/15 (Item 5 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

02276395 H.W. WILSON RECORD NUMBER: BWBA92026395
Comparing images; inside the DCS; other digital cameras.
AUGMENTED TITLE: Kodak DCS in Editor & publisher tests
Rosenberg, Jim
Editor & Publisher, the Fourth Estate (Ed Publ Fourth Estate) v. 125 (Mar. 14 '92) p. 8P-10P+
LANGUAGE: English

ABSTRACT: Part of a special section on **photography** in newspapers. Kodak's 3 digital camera system (DCS) models provide photojournalists with a digital 35-mm SLR camera. All 3 models are available in either a black-and-white...

...addition, all models have 21/2-frame-per-second capability, use a tethered 10-lb. digital storage unit with a 4" LCD display on which stored images can be reviewed, and are able to download images to an Apple Macintosh computer. When images from a model 8008 Nikon film camera using Kodak Ektapress 100 film were compared to those from Kodak's DC3/B DCS...

...most immediately noticeable difference was the consistently warmer color generated by the Kodak DCS. Other digital cameras under development are discussed.

25/3,K/16 (Item 6 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText
(c) 2000 The HW Wilson Co. All rts. reserv.

01807060 H.W. WILSON RECORD NUMBER: BWBA90057060
Micrographics products.
Bankers Monthly (Bankers Mon) v. 107 (July '90) p. 33A-34A
LANGUAGE: English

ABSTRACT: Part of a special report on **image processing**. Reviews of Connecticut Micrographics' Astri 16, a portable, battery-operated hand-crank roll film viewer; 3M's Model 7710 Reader Scanner, a document management reader scanner that automatically faxes images to other systems; Micrographic Technology's System 6820 Software Platform that outputs data to mainframe hosts and local area networks; and Micron's series of readers designed to accommodate users' specific needs.

25/3,K/17 (Item 1 from file: 813)
DIALOG(R) File 813:PR Newswire
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0704303 NE009
POLAROID OUTLINES STRATEGY FOR GROWTH AND HIGHER PROFITABILITY AT 57TH
ANNUAL MEETING OF SHAREHOLDERS

DATE: May 10, 1994 14:20 EDT WORD COUNT: 995

...new
electronic imaging products based on some of the company's long term
research and development investments." The products include a digital
scanner; image database software for the organization, storage and
communication of images ; an electronic still camera ; film recorders
for
personal presentation; a video printer; and customized electronic
imaging systems.

Polaroid has chosen...

25/3,K/18 (Item 2 from file: 813)
DIALOG(R) File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0457044 MN012
3M AND WESCO SIGN AGREEMENT TO DEVELOP FILM SCANNING STATION

DATE: March 19, 1992 17:24 EST WORD COUNT: 268

...to inexpensively access existing
microfilm archives within an imaging system.

Under the agreement, WESCO will develop a Microfilm Digitizing
Station based on the 3M 7710 Reader-Scanner for use in EIM systems. The
digitizing station will capture roll film and microfiche frames as
digital images , format the images to the specification of the target
EIM
system, and then pass them via network to the EIM system.

Through use of the station, end users will be able to...

25/3,K/19 (Item 3 from file: 813)
DIALOG(R) File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0313176 FL013
DBA ANNOUNCES DELIVERY OF NEW HIGH RESOLUTION DIGITAL IMAGING SYSTEM

DATE: October 18, 1990 15:42 EDT WORD COUNT: 186

...DBA Systems, Inc.
(NASDAQ: DBAS) announces the delivery of its first turn-key High
Resolution Digital Imaging System to the Defense Intelligence Community.
The system is focused around a 4-12...

...of 9.5 inches by 9.5 inches. The digitizer supports
both flat-sheet and roll film and is equipped with an automatic
roll film handling system. A SUN 4/390-based image processing
work station provides the capability to enhance image contrast
and brightness, provide roam and zoom over the entire image , and
transfer or retrieve the digital imagery to and from a Very Large
Data Store (VLDS) device. The Digital Imaging System will be utilized

File 148:Gale Group Trade & Industry DB 1976-2000/Sep 25
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File 275:Gale Group Computer DB(TM) 1983-2000/Sep 25
(c) 2000 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2000/Sep 25
(c) 2000 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2000/Sep 25
(c) 2000 The Gale Group

Set	Items	Description
S1	5144707	REMOTE OR DISTANT OR NETWORK? OR DISTRIBUT? OR INTERNET OR CYBER? OR WWW OR WORLD()WIDE()WEB OR DIGITAL? OR VIRTUAL
S2	415699	S1(3N) (SERVER? ? OR DATABASE? OR INDEX? OR TABLE? OR MATRIX OR INDEXES OR INDICES OR MATRICES OR LIST? OR RECORD? OR FILE?)
S3	1359828	IMAGE? ? OR GRAPHIC? OR PICTURE? ? OR PHOTOS OR PHOTOGRAPH? ? OR VISUAL()PRINT? ?
S4	4010	CAMERA(3N)FILM? ? OR ROLL? ?()FILM? ?
S5	5577200	PROCESS? OR DEVELOP? OR FILL? OR FULFILL?
S6	2564325	ACCEPT? OR RECEIV?
S7	3019009	ORDER? OR PURCHAS? OR REQUISITION? OR PUCHASE?
S8	88379	NUMBERED OR CODED OR NUMERICAL?
S9	0	S2(S)S3()S4(S) (S5 OR S6) (S)S7
S10	299	S1(S)S5(S)S3(S)S4
S11	0	S10(S)S8
S12	4	S10(S)S6(S)S7
S13	3	RD S12 (unique items)
S14	93	S10(S)S7
S15	3	S14 NOT (PY=>1995 OR PD=>951224)
S16	3	S15 NOT S13
S17	654	PICTUREVISION OR PICTURE()VISION
S18	554	S17(S)S3
S19	41	S18(S)S6
S20	2	S19 NOT (PY=>1995 OR PD=>951224)
S21	24	RD S19 (unique items)
S22	24	S21 NOT (S13 OR S16)
S23	50	S10 NOT (PY=>1995 OR PD=>951224)
S24	46	RD S23 (unique items)

13/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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11722070 SUPPLIER NUMBER: 59166653 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PhotoLoft.com Selected to Power Canon USA's HyperPhoto Network; Powered by PhotoLoft.com, Built for Canon USA.
PR Newswire, 1597
Feb 3, 2000
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 938 LINE COUNT: 00081

... their film or digital camera cards at any participating photo lab. At that time, customers **receive** an album ID and password and can view their **photos** on-line by accessing **imageland.net** and clicking on the **HyperPhoto Network**. From there, they can **order** prints (any number and size), send e-cards or photo-personalized cards to be mailed via U.S. mail, and **order** unique photo-personalized gifts, making full use of their favorite **photos**. Online print **orders** may be routed back to the authorized dealer for **fulfillment**. PhotoLoft.com built the **Internet** imaging storage, user functionality, and **order distribution** routines to Canon's specifications.

"We selected PhotoLoft.com as our HyperPhoto Network development partner...

13/3,K/2 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09919270 SUPPLIER NUMBER: 20014601 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Pixel pictures. (digital photography)
Medlin, Kim
Builder, v20, n6, p232(1)
May, 1997
ISSN: 0744-1193 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 502 LINE COUNT: 00040

The old paradigm of photography went something like this: **Purchase** camera and film, take **pictures**, have them **developed**, and **receive** paper-based **photographs**. The new paradigm, however, is simpler and cheaper: **Purchase** **digital** camera, take **pictures**, download them to a personal computer, and print or display them as needed.

I incorporate...

13/3,K/3 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01395074 Supplier Number: 46475144 (USE FORMAT 7 FOR FULLTEXT)
CANON BECOMES WORLD'S FIRST IMAGING COMPANY TO OFFER SANDISK COMPACTFLASH AS DIGITAL FILM
News Release, pN/A
June 18, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 763

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...to offer SanDisk CompactFlash (CF), a new, industry-standard, removable, ultra-small, flash storage device **developed** by SanDisk, for sale with a **digital** camera. Canon Computer Systems Inc. (CCSI), which is marketing CF with Canon's recently introduced PowerShot 600 **digital** camera, is the first of many imaging manufacturers expected to offer CompactFlash with their respective **digital** cameras. CF serves as the "**digital film**" in

the new camera . The CompactFlash cartridges, and passive adapter cards used with CF, can be re-used...

...CompactFlash will play a major role in establishing an industry-wide film standard for new digital cameras the same way our PowerShot 600 is setting a new standard for point-and-shoot digital camera resolution and performance. When customers purchase CompactFlash today, they will also be able to use theft CompactFlash film cartridges in new digital cameras introduced today and in the future by Canon and other leading imaging companies." Eli...

...that its decision to market CompactFlash will start an industry-wide trend resulting in worldwide acceptance of CF as the film standard for new digital cameras." In place of conventional film, the PowerShot 600 uses 1 MB of internal memory to store up to 18 images and can store up to 72 images with the 4MB CompactFlash cartridge. Canon also offers an optional rotating 170MB hard disk drive...

...compatible CompactFlash and PC cards in the PowerShot 600, Canon has created the equivalent of "digital film" that permits users to remove the PC cards and CF cartridges loaded with images and insert a fresh card or CF to continue shooting without having to stop to transfer images from the camera to the PC. Standardsize prints also can be obtained by inserting the...

...high-resolution printer. Unlike conventional film, the CF and PC cards are reusable once the images have been erased or downloaded. Canon's decision to offer CF film in its new camera comes as the CompactFlash Association (CFA), an organization of leading technology companies supporting CF as...

...1995, now has more than 40 members. Tom Takahashi, director and senior general manager, research & development headquarters at Canon, is co-chairman of the association. CompactFlash, about the size of a...

...to the floor. They are also non-volatile (no power is required to retain stored images) and use power only during writing and reading, dramatically extending the battery life of the PowerShot 600 and other digital cameras. CompactFlash, based on 32Mbit flash technology, dynamically supports both 3.3 and 5 volt systems meaning that it can be used "plug and play" to transport images between the 3.3 volt camera and standard PCs using 5 volts. The PowerShot 600...

...street price of \$229*. SanDisk Corporation designs, manufactures and markets industry-standard, solid state data, image and audio storage products using proprietary, high density flash memory and controller technology. SanDisk has...

...determined by individual dealers and may vary. SanDisk's web site/home page address: <http://www.sandisk.com> Canon Computer Systems, Inc. web site/home page address: <http://www.ccsi.canon.com>
?t16/3,k/all

16/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07271785 SUPPLIER NUMBER: 15442949 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Southside gets three special procedure rooms. (Southside Hospital in Bay Shore, New York) (LI Health & Hospitals)
LI Business News, n17, p56(1)
April 25, 1994
ISSN: 0894-4806 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 606 LINE COUNT: 00048

The new Cardiac catheterization equipment can photograph the arteries using both the traditional cine radiographic techniques and the improved digital radiography technology. The standard cine method utilizes 35mm

roll film which is then processed and viewed on a cine projector, much like the projectors used to view home slides. The digital technology offers doctors instantaneous access to the images in greater detail and with sharper images. Images can be taken at a rapid 30-frames per second which is necessary in order to capture precisely the rapid flow of blood through the coronary arteries which is vital...

16/3,K/2 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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02326871 SUPPLIER NUMBER: 03746164 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NAB 85; getting technical in Las Vegas. (technology wrapup)
Broadcasting, v108, p42(10)
April 29, 1985
ISSN: 0007-2028 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 8740 LINE COUNT: 00689

... multimillion dollar investment in the company by Interscope Group, a diversified conglomerate which also recently purchased a controlling interest in film camera manufacturer Panavision, and is involved in a variety of motion picture and network television projects.

Also making business moves to firm up the position of its own innovative...

16/3,K/3 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01702525 Supplier Number: 42744883 (USE FORMAT 7 FOR FULLTEXT)
Kodak Fun Saver TeleFoto 35 Single-Use Camera MANUFACTURER: Eastman Kodak
Company CATEGORY: Miscellaneous
Product Alert, v22, n6, pN/A
Feb 10, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 150

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...in March as the fifth in the series. Featuring a telephoto lens and high-speed film, this camera "enables picture-takers to get close-up color images of distant subjects." Because of the telephoto lens, the film image is more than twice the size of one from a conventional single-use camera. Intended for picture-taking in daylight or brightly lit areas, the Camera is loaded with a 24-exposure...

...After taking 24 exposures, consumers simply bring the camera to the photofinisher, who removes and processes the film and can return the camera components to Kodak for recycling. Eastman Kodak Company of Rochester, NY, is the manufacturer. To check the availability and cost of purchasing a sample of this product contact: Marketing Intelligence Service, Ltd., (716) 374-6326.
?t20/3,k/all

20/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03728538 SUPPLIER NUMBER: 07361484
Speaks softly, carries a big stick: 'quiet persistence' with information systems at Dun and Bradstreet pays off for Field. (Dun and Bradstreet Corp. VP of customer information systems Michael Field)
Wilder, Clinton
Computerworld, v23, n25, p57(2)

June 19, 1989
ISSN: 0010-4841

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: is getting culturally autonomous divisions to listen at the corporate level. He says credibility and **acceptance** are the keys in an organization whose instinct is not to turn to the corporate office, and that credibility must be earned. One method Field uses to share his big-**picture vision** with IS counterparts in the business units is an annual meeting for the company's...

20/3,K/2 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01272594 SUPPLIER NUMBER: 07361484

Speaks softly, carries a big stick: 'quiet persistence' with information systems at Dun and Bradstreet pays off for Field. (Dun and Bradstreet Corp. VP of customer information systems Michael Field)
Wilder, Clinton

Computerworld, v23, n25, p57(2)

June 19, 1989

ISSN: 0010-4841

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: is getting culturally autonomous divisions to listen at the corporate level. He says credibility and **acceptance** are the keys in an organization whose instinct is not to turn to the corporate office, and that credibility must be earned. One method Field uses to share his big-**picture vision** with IS counterparts in the business units is an annual meeting for the company's...

?t22/3,k/all

22/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11845501 SUPPLIER NUMBER: 60027708 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PictureVision Japanese Subsidiary Powers Photos on Cell Phones; Popular Photo Delivery System Coming Soon to America.

Business Wire, 1461

March 7, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 880 LINE COUNT: 00075

... Online service through NTT DoCoMo, which provides the wireless telecommunications network that allows users to **receive photos** on their cell phones. The **photos** are sent overnight to a central lab and uploaded to a **PictureVision** designed Online Photo Center.

Images are scanned by the PhotoNet Digital System(TM), the pioneering
...

22/3,K/2 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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11713983 SUPPLIER NUMBER: 59108045 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MGI Software and PictureVision's PrintStation for Kodak PhotoNet(TM) Online Application Adopted by Wolf Camera.

PR Newswire, 8765

Feb 1, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1167 LINE COUNT: 00101

... E-commerce imaging and digital video, today announced that Wolf Camera, the nation's premier **photography** store, will employ the PrintStation for Kodak PhotoNet online developed by MGI using PhotoSuite

and **PictureVision** technologies. The application will provide Wolf's digital camera customers a convenient and inexpensive way to **receive** the same high-quality prints they have grown accustomed to **receiving** when trusting Wolf with their traditional **photography** needs. The application is available now for download at www.wolfcamera.com.
PrintStation can be...

22/3,K/3 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11372290 SUPPLIER NUMBER: 55879894 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Kodak and PictureVision Expand PhotoNet Online Network to More Retailers.
Business Wire, 1191
Sept 28, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 807 LINE COUNT: 00072

... hubs, software and consulting services to enable retailers to connect the equipment that Kodak and **PictureVision** use to transmit, **receive** and store **images** on the network. The equipment will interact with all consumer traffic to the PhotoNet(TM) online websites. Kodak and **PictureVision** will also work with Cisco to create customized innovative network solutions for retailers.

With the...

22/3,K/4 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11369565 SUPPLIER NUMBER: 55862553 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Paradise Music & Entertainment Reports Fiscal 1999 Results.
Business Wire, 1046
Sept 27, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1348 LINE COUNT: 00128

... 300,000 copies since its release, will be included in Paradise's fiscal 2000 results.

Picture Vision 's year-over-year revenue decline compared to a record performance in fiscal 1998, but...

...1999, winning an Emmy Award for its work on Janet Jackson's HBO special, and **receiving** three additional Emmy nominations as a result of its expanded presence in the television production...

22/3,K/5 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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11227802 SUPPLIER NUMBER: 55322183 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Paradise's Picture Vision Earns Four Emmy Nominations For Janet Jackson HBO Special.
Business Wire, 1408
August 2, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 704 LINE COUNT: 00060

... Project

Paradise Music & Entertainment, Inc. (Nasdaq:PDSE) announced that its film and television production division, **Picture Vision**, has **received** four Emmy nominations for its Janet Jackson HBO show. The nominations bring **Picture Visions'** total number of Emmy nominations to eleven. In 1998, **Picture Vision** **received** six nominations for the Garth Brooks HBO

special "Live from Central Park" the most watched...

22/3,K/6 (Item 6 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

11036203 SUPPLIER NUMBER: 54567738 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Photo Internet Company Coming To Wall Street.
Israel Business Today, 13, 4, 25(1)
April, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 209 LINE COUNT: 00018

TEXT:

Picturevision, a company founded by Israelis that developed technology to send **photographs** in the form of digital **images** via the Internet is set for an initial public offering (IPO) on Wall St. Three...

...sold 51 percent of it to Kodak in 1998 for \$100 million. Kodak has placed **Picturevision** in over 40,000 locations throughout North America and is expanding sites to Europe and the Far East. Major software programs from Microsoft's **Pictureit** to Adobe's **photoshops** use **Picturevision** technology. The sale of 51 percent of **Picturevision** by the Israelis to Kodak may have been premature. Today more than 3 million **photographs** a month are being sent by **Picturevision** using the Internet. Kodak is now in the process of issuing an IPO for **Picturevision** that will raise approximately \$500 million. The Israeli entrepreneurs who still own part of **Picturevision** are not too hurt, as all three are millionaires and can expect to **receive** many more millions from the IPO of **Picturevision**. It was wonderful for them that they had a vision and it may be good to get in on this **picture** too, when it comes to Wall St.

22/3,K/7 (Item 7 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
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10955362 SUPPLIER NUMBER: 54386032 (USE FORMAT 7 OR 9 FOR FULL TEXT)
World's Messiest and Cleanest Kids Win Parents Free Maid Service for One Year.
PR Newswire, 1410
April 15, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 752 LINE COUNT: 00064

... the Czelusniak family of Malta, New York. That's the grand prize both families will **receive** as the first place winners of The Messiest and Cleanest Kids' Rooms Contest, a three month online **photography** contest on Kodak PhotoNet online(TM) sponsored by THE MAIDS International, an Omaha, Nebraska-based residential cleaning service and **PictureVision**, Inc., a Herndon, VA, based subsidiary of Eastman Kodak Company.

The Kann family won the...

...were delivered by THE MAIDS to homeowners throughout North America.

The two grand prize winners **received** a year's worth of free maid service while 35 other lucky winners **received** Kodak digital cameras, subscriptions to Family PC magazine, and Kodak PhotoNet online service free, for...

...away as Quebec. "Kodak PhotoNet online is about helping families see, share and use their **pictures** on their computer," says Keith Fleming, director of marketing for **PictureVision**, Inc., Kodak's online **photography** division. "What more effective way to share **pictures** than with a photo contest capturing a family's greatest visual -- kids trying to keep..."

22/3,K/8 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10630380 SUPPLIER NUMBER: 20617441 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AOL AND KODAK TO OFFER ONLINE PHOTO DELIVERY SERVICE.
Computergram International, n3414, pCGN05200043
May 20, 1998
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 506 LINE COUNT: 00041

TEXT:

...and Eastman Kodak Co have joined forces to launch a service that will deliver digital **photos** online directly to AOL members. The service, called "You've Got **Pictures** !" allows AOL subscribers to drop film off at participating retail outlets and have digital **images** scanned, uploaded and delivered to a specific AOL account. **Photos** can then be arranged in a personal photo album and emailed to others. The joint...

...Pittman likes the market's potential, pointing to the fact that Americans take 20 billion **pictures** each year, while AOL members **receive** 29 billion emails. Both companies said they will make joint investments in advertising and marketing...

...development, and ongoing support. In addition, AOL has made a minority investment in Kodak's **PictureVision** division. The service has grown out of the Kodak PhotoNet Online offering, which itself is a consolidation of Kodak's own **Picture** Network and the network of **PictureVision** Inc, in which Kodak acquired a controlling interest two months ago (CI No 3,358...

...an extra \$5 to \$7 on top of normal development fees to have the digital **images** sent to them, usually within 48 hours. When the **photos** are ready for online viewing, the subscriber **receives** notification upon logging on to AOL and can retrieve them in a photo in-box...

...but beyond that they will charge an added fee which has yet to be determined. **Images** not posted to albums will be kept for 30 days before being deleted by AOL...

...should be available at retailers for non- PC owners to view and order copies of **pictures** posted online. Details on that element of the service are still to come. The partners...

22/3,K/9 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

10141456 SUPPLIER NUMBER: 20528058 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DTV MUST-CARRY DEBATE CONTINUES IN CONGRESSIONAL HEARING.(digital television)
Communications Daily, v18, n79, pNA(1)
April 24, 1998
ISSN: 0277-0679 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 798 LINE COUNT: 00067

... because of plans to auction spectrum after transition: "Given that 70% of American households currently **receive** their broadcast signals via cable systems, the success of this policy is somewhat dependent upon...

...Markey (D-Mass.) said cable has vision of digital for multichannel, while broadcasters want "prettier **pictures** ." Question, he said, is whether cable should have obligation to accommodate broadcasters' "pretty **picture vision** ," or whether A/B switch would be enough.
Even on rebuilt cable systems such as...

22/3,K/10 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

10132107 SUPPLIER NUMBER: 20332426 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Marketing challenges face digital cameras, APS. (advanced photo system)
Elkin, Tobi
Brandweek, v39, n8, p9(1)
Feb 23, 1998
ISSN: 1064-4318 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1023 LINE COUNT: 00083

... Samsung's CE campaigns via The Arnell Group, N.Y.
With its 51% stake in **PictureVision**, Kodak is poised to launch the world's largest online consumer photographic network. The acquisition...

...based digital imaging services at more than 40,000 retail locations. The new service, combining **PictureVision**'s PhotoNet and Kodak's **picture** network, will enable consumers to have their film and **photos** scanned and stored, and to **receive** output in the form of **photos**, reprints, enlargements, gifts and specialty items. Kodak is just starting to plan what clearly will...

22/3,K/11 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10017165 SUPPLIER NUMBER: 20205656 (USE FORMAT 7 OR 9 FOR FULL TEXT)
VAR zooms in on new market. (Open Systems Solution offers RAID systems for Internet photo services) (Company Business and Marketing) (Brief Article)
McGee, Marianne Kolbasuk
Computer Reseller News, n772, p43(1)
Jan 19, 1998
DOCUMENT TYPE: Brief Article ISSN: 0893-8377 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 562 LINE COUNT: 00047

... from PictureVisions' Herndon, Va., headquarters. The management software is provided by Open Systems Solution.
"Allowing **photos** to be viewed online gives a lot of flexibility to consumers," said **PictureVision** Chief Executive Phil Garfinkle. "You don't have to have reprints made to send to family members-they can **receive** the photo by E-mail or access them on a Web site," he said. "There..."

...who want the extra boost of security offered by negatives, most photo labs offering the **PictureVision** service return a customer's negatives.
The storage capacity of the MetaStor systems are scalable...

22/3,K/12 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09850789 SUPPLIER NUMBER: 19957832 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wolf Camera Launches One-Hour Digital Imaging.
Business Wire, p11060113
Nov 6, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 767 LINE COUNT: 00067

... key strategies and solutions for profitably increasing sales by leveraging the evolution to digital photography.

PictureVision markets PhotoNet Disk, which allows consumers to **receive** their **photographs** on floppy disks along with self-contained software they can use to share and use their **photographs** on their personal computers.

PictureVision is also the developer of PhotoNet Online, the world's

...

22/3,K/13 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09468935 SUPPLIER NUMBER: 19385736
Family snap enters new era. (digital photography and the Internet)
Jackson, Tim
Financial Times, p19(1)
April 28, 1997
ISSN: 0307-1766 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: Digital cameras have **received** publicity as their prices have dropped. **PictureVision** has set up a service allowing customers to use the Internet to order **photographs**. The company has developed PhotoNet, a technology allowing the scanning and digital storage of negatives...

...carried out at any photo lab world wide that is part of the PhotoNet system. **PictureVision** **receives** a proportion of each sale. PhotoNet has also been include in some software packages.

22/3,K/14 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09297755 SUPPLIER NUMBER: 19106784 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Adobe PhotoDeluxe Expands Internet Functionality
PR Newswire, p210SFM053
Feb 10, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1100 LINE COUNT: 00098

... to friends, family members and business associates."
Photo Development on the Internet
With support for **PictureVision** 's online services, Adobe PhotoDeluxe users can easily digitize their **photographs** online. The **PictureVision** Online Photo Center offers consumers a simple, yet powerful way to order, store, view and enhance **photos** using the Internet. Users can take their undeveloped film to a participating PhotoNet retailer**, and in addition to **receiving** prints, their **pictures** are posted on **PictureVision** 's Online PhotoCenter. Users can download the **images** directly to their computer using the Adobe PhotoDeluxe Get Photo feature, and then edit and upload the **images** back to the Online PhotoCenter. **Images** can be stored on the Online PhotoCenter site, shared with others to whom users grant...

22/3,K/15 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09100277 SUPPLIER NUMBER: 18863536 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MGI Software Builds Momentum in Photography Software; Receives Kudos from Users and Reviewers; Leads Market in Unit Sales.
Business Wire, p11140070
Nov 14, 1996
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 719 LINE COUNT: 00061

... and correct photos so they look the way he wants them to.
MGI has also **received** the backing of the photo industry. The company recently signed marketing agreements with some of...

...markets in the U.S., Canada and Norway. MGI also recently signed an

agreement with **PictureVision** , Inc. to link MGI PhotoSuite users to more than 2,500 photo retail stores using...

...software solution to view, edit, manipulate, order reprints, order photo gifts, organize and archive their **photos** electronically using the Internet.

Some of the world's leading equipment manufacturers have also endorsed...

22/3,K/16 (Item 16 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

03728538 SUPPLIER NUMBER: 07361484
Speaks softly, carries a big stick: 'quiet persistence' with information systems at Dun and Bradstreet pays off for Field. (Dun and Bradstreet Corp. VP of customer information systems Michael Field)
Wilder, Clinton
Computerworld, v23, n25, p57(2)
June 19, 1989
ISSN: 0010-4841 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: is getting culturally autonomous divisions to listen at the corporate level. He says credibility and **acceptance** are the keys in an organization whose instinct is not to turn to the corporate office, and that credibility must be earned. One method Field uses to share his big-**picture vision** with IS counterparts in the business units is an annual meeting for the company's...

22/3,K/17 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02271164 SUPPLIER NUMBER: 53910979 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Kodak Subsidiary & Philips Pushing Digital Photos To TV 02/18/99.
Newsbytes, NA
Feb 18, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 362 LINE COUNT: 00034

TEXT:

...A., 1999 FEB 18 (NB) -- By Matt Hines, Newsbytes. Philips Electronics and Eastman Kodak subsidiary **PictureVision** Inc. have established a new partnership aimed at delivering online digital photo applications over the television. Under the agreement, Philips will offer Kodak's PhotoNet online **image** service along with several of its set-top devices which let users view the Internet on traditional TVs. The PhotoNet service allows users to view, share and store **photos** , as well as order **image** reprints and enlargements, via the Internet. "This agreement supports two growing trends -- online interactive television and digital **photography** ," said Adrian Turner, director of Internet business development at Philips Electronics. "As a consumer platform, the television represents a natural vehicle for the display of digital **photographs** ." As part of the new relationship, **PictureVision** will develop a TV-based version of PhotoNet and Philips will make the service available on devices including its WebTV-based Internet **Receiver** which offers wireless access to a PC via the television. The two firms officially announced...

...The partners indicated that over three million camcorders with the interface have already been sold. **PictureVision** is an independently operated subsidiary of Eastman Kodak which focuses primarily on the digital **photography** services sector. **PictureVision** 's Web site is located at <http://www.picturevision.com> Philips can be found online at <http://www.phillips.com> Reported By Newsbytes News...

22/3,K/18 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02263758 SUPPLIER NUMBER: 53641991 (USE FORMAT 7 OR 9 FOR FULL TEXT)
****Kodak & AOL: You Don't Have Pictures, Yet 01/25/99.
Newsbytes, NA
Jan 25, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 551 LINE COUNT: 00046

TEXT:

...An Eastman Kodak (NYSE:EK) official has confirmed to Newsbytes that its "You've Got **Pictures** " digital photo processing initiative it planned to launch with America Online Inc. (NYSE:AOL) did...

...Charlie Smith told Newsbytes complications in the system expected to deliver the You've Got **Pictures** service is causing the delay. "We just wanted to do it right, and take the...

...both our customers and our retailers," Smith said. Original plans called for You've Got **Pictures** to roll out sometime in the fourth quarter of 1998 (Newsbytes, May 19, 1998). Now...

...service is expected to debut in the summer of 1999, Smith said. You've Got **Pictures** will enter a beta test stage "soon," Smith said, although he did not say when...

...When both AOL and Kodak announced the service last year, officials said "You've Got **Pictures** " would allow AOL members to have **images** from their developed film sent digitally for an additional \$5 to \$7 per roll (Newsbytes, May 19, 1998). Users of the new service will still pay for and **receive** regular prints, but they will also **receive** digital "contact sheets" of the same **photos** in their AOL photo mailbox. At the time, an AOL official said You've Got **Pictures** is a part of the world's largest online service's overall imaging strategy. "Imaging...

...see this as a means to offer our users an easy way to deal with **photos** without having to worry about where to download them, what format to use or any other complications. The whole idea is to make **photos** as easy to use as e-mail." The three-year agreement calls for Kodak, AOL...

...imaging site, <http://www.photonet.com> . Currently, the site allows Internet users to have digital **images** from developed film electronically mailed. PhotoNet became a property of Kodak when the company acquired **PictureVision** Inc., and turned the Washington, DC-area company into a Kodak subsidiary. As part of the You've Got **Pictures** deal, AOL made a minority investment in **PictureVision** , Inc. AOL's Web site is at <http://www.aol.com> . Eastman Kodak's site...

22/3,K/19 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02070059 SUPPLIER NUMBER: 19476003 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Photo op: digital developments for weekend photographers. (new Web photo services)(Trends) (Company Business and Marketing)
Levin, Carol
PC Magazine, v16, n12, p28(1)
June 24, 1997
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 678 LINE COUNT: 00056

...ABSTRACT: counters that will let customers receive photos in Web format as well as traditional prints. **Picture Vision** 's PhotoNet is already

available at 7,700 stores in the US and 800 in...

22/3,K/20 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2000 The Gale Group. All rts. reserv.

01563588 Supplier Number: 47923774 (USE FORMAT 7 FOR FULLTEXT)
PictureVision and InMedia Presentations to Integrate PhotoNet with Slides & Sound Plus.
Business Wire, p08210121
August 21, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 600

... addition to PhotoNet's range of features and services."

ABOUT PICTUREVISION

Based in Herndon, Virginia, **PictureVision**, Inc. (<http://www.picturevision.com>) provides the imaging industry with easy-to-use, turn-key strategies and solutions for profitably increasing sales by leveraging the evolution to digital **photography**. **PictureVision** is the developer of PhotoNet, the world's first service that allows consumers to view, share, manipulate and store **photographs** over the Internet simply by having film developed by a participating PhotoNet photo processor. **PictureVision** also markets PhotoShow(TM), which allows consumers to **receive** their **photographs** on floppy disks along with self-contained software they can use to share and use their **photographs** on their personal computers.

ABOUT INMEDIA

InMedia develops digital imaging presentation software products for consumers...

22/3,K/21 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2000 The Gale Group. All rts. reserv.

01544894 Supplier Number: 47487167 (USE FORMAT 7 FOR FULLTEXT)
HP and PictureVision to deliver a feature-rich environment for Web photography.
Business Wire, p06250168
June 25, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 762

... at Giant Eagle and Pathmark grocery stores through Konica Quality Photo.

Based in Herndon, Virginia, **PictureVision**, Inc. (<http://www.picturevision.com>) provides the imaging industry with easy-to-use, turnkey strategies and solutions for profitably growing their businesses by leveraging the evolution to digital **photography**. **PictureVision** is the developer of PhotoNet, the world's first service that allows consumers to view, share, manipulate, and store **photographs** over the Internet simply by having film developed by a participating PhotoNet partner. Consumers may also use their digital camera or home scanner in the PhotoNet environment. **PictureVision** also markets Photoshow, which allows consumers to **receive** their **photographs** on floppy disks along with self-contained software they can use to share and use their **photographs** on their personal computers.

ABOUT HP'S INTERNET-IMAGING INITIATIVE

HP's Internet-imaging initiative...

22/3,K/22 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

04150408 Supplier Number: 54416920 (USE FORMAT 7 FOR FULLTEXT)
KODAK: World's messiest and cleanest kids win parents free maid service for one year.
M2 Presswire, pNA
April 19, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 736

... the Czelusniak family of Malta, New York. That's the grand prize both families will **receive** as the first place winners of The Messiest and Cleanest Kids' Rooms Contest, a three month online **photography** contest on Kodak PhotoNet online sponsored by THE MAIDS International, an Omaha, Nebraska-based residential cleaning service and **PictureVision**, Inc., a Herndon, VA, based subsidiary of Eastman Kodak Company.
The Kann family won the...

22/3,K/23 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03884567 Supplier Number: 48492174 (USE FORMAT 7 FOR FULLTEXT)
INTERNET: AOL AND KODAK TO OFFER ONLINE PHOTO DELIVERY SERVICE
Network Briefing, pN/A
May 20, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 481

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...and Eastman Kodak Co have joined forces to launch a service that will deliver digital **photos** online directly to AOL members. The service, called "You've Got **Pictures** !" allows AOL subscribers to drop film off at participating retail outlets and have digital **images** scanned, uploaded and delivered to a specific AOL account. **Photos** can then be arranged in a personal photo album and emailed to others. The joint...

...Pittman likes the market's potential, pointing to the fact that Americans take 20 billion **pictures** each year, while AOL members **receive** 29 billion emails. Both companies said they will make joint investments in advertising and marketing...
...development, and ongoing support. In addition, AOL has made a minority investment in Kodak's **PictureVision** division. The service has grown out of the Kodak PhotoNet Online offering, which itself is a consolidation of Kodak's own **Picture** Network and the network of **PictureVision** Inc, in which Kodak acquired a controlling interest two months ago (CI No 3,358...

...an extra \$5 to \$7 on top of normal development fees to have the digital **images** sent to them, usually within 48 hours. When the **photos** are ready for online viewing, the subscriber **receives** notification upon logging on to AOL and can retrieve them in a photo in-box...

...but beyond that they will charge an added fee which has yet to be determined. **Images** not posted to albums will be kept for 30 days before being deleted by AOL...

...should be available at retailers for non- PC owners to view and order copies of **pictures** posted online. Details on that element of the service are still to come. The partners...

22/3,K/24 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

03870442 Supplier Number: 48447339 (USE FORMAT 7 FOR FULLTEXT)
DTV MUST-CARRY DEBATE CONTINUES IN CONGRESS
Television Digest, v38, n17, pN/A
April 27, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1262

... because of plans to auction spectrum after transition: "Given that 70% of American households currently **receive** their broadcast signals via cable systems, the success of this policy is somewhat dependent upon...

...Markey (D-Mass.) said cable has vision of digital for multichannel, while broadcasters want "prettier **pictures** ." Question, he said, is whether cable should have obligation to accommodate broadcasters' "pretty **picture vision** ," or if A/B switch would be enough.

Even on rebuilt cable systems such as...
?t24/3,k/all

24/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07621984 SUPPLIER NUMBER: 16374121 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Digital imaging photography: an era of fantasy, fiction, fact, fraud & forgery.

Rohde, Russell A.

PSA Journal, v60, n12, p9(2)

Dec, 1994

ISSN: 0030-8277

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2041

LINE COUNT: 00162

... and the questions of truthfulness in DI.

Is There A Monkey On My Back?

Conventional **photography** is alive and well, already 150 years old, and will certainly be with us through...

...scanning was spearheaded by Time-Life, Inc. in 1955 with Sony introducing the first still **digital video camera** sans **film** and photochemical **processing** in 1981. The Living Webster Encyclopedic Dictionary (1974) reminds us that "**photography** " is The art or the **process** of obtaining accurate representations of objects by means of the chemical action of light or...

...energy on specially treated surfaces. No mention is made that film emulsions or chemical film **processing** is required to achieve this end.

Digital imaging (DI) is a large evolutionary step in...

24/3,K/2 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07535418 SUPPLIER NUMBER: 15747785 (USE FORMAT 7 OR 9 FOR FULL TEXT)
People. (includes multiple briefs on executive appointments)

Beverage World, v113, n1574, p116(1)

Sept, 1994

ISSN: 0098-2318

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 595

LINE COUNT: 00050

... president, cylinder gas products, James Howell, vice president, sales and Steve Held, vice president, business **process** management for the company's US industrial gases operations...Michael duBois has joined Bush Boake...

...Engraph Label Group. Keith Williams has been appointed product manager of in-mold labels and **roll film** by Engraph Label Group's **graphic** resource division in Cold Spring, KY...Robert Miller has been named vice

president of sales by American Distribution System (Keego Harbor, MI) ...
Milltronics (Arlington, TX) has announced the following changes: Dave
Bignell assumes...

...is named vice president, international sales, responsible for Latin
America, the Pacific Rim and other **developing** markets, and Milt Schindel
has been appointed vice president and general manager, technology and
manufacturing...

...of directors...International Specialty Products (Wayne, NJ) has
appointed Dr. Jeff Cohen as director of **process development** ...Michael
Mossburg has been named president of Vitro Packaging (Dallas, TX). Larry
Nemechek has been...

...has been appointed midwest regional sales manager by XTRA Lease (St.
Louis, MO) ... Hath-away **process** Instrumentation (Carrollton, TX) has
appointed Jay Cunningham as West region sales manager ... John Wurster has
...

24/3,K/3 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07423660 SUPPLIER NUMBER: 15938734
Kodak's future: color it uncertain. Marketer trims down, thinks digital
under Fisher. (Eastman Kodak, CEO George M.C. Fisher)
Wilke, Michael
Advertising Age, v65, n50, p4(1)
Nov 28, 1994
ISSN: 0001-8899 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: Kodak has tried to stay competitive by divesting nonimaging
operations and, faced by a lackluster **film** and disposable **camera**
market, moving into **digital** imaging. The company has had mixed success in
this area, in part because of its lengthy product **development** time. A big
question mark is whether Kodak can make the transition to **digital**
photography using the same brand name.

24/3,K/4 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07271785 SUPPLIER NUMBER: 15442949 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Southside gets three special procedure rooms. (Southside Hospital in Bay
Shore, New York) (LI Health & Hospitals)
LI Business News, n17, p56(1)
April 25, 1994
ISSN: 0894-4806 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 606 LINE COUNT: 00048

The new Cardiac catheterization equipment can **photograph** the arteries
using both the traditional cine radiographic techniques and the improved
digital radiography technology. The standard cine method utilizes 35mm
roll film which is then **processed** and viewed on a cine projector, much
like the projectors used to view home slides. The **digital** technology
offers doctors instantaneous access to the **images** in greater detail and
with sharper **images**. **Images** can be taken at a rapid 30-frames per
second which is necessary in order...

*Medical environment
networked*

24/3,K/5 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07258446 SUPPLIER NUMBER: 15194271 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The papers chase 2000. (Funding of Newspapers National Network)

Krantz, Michael

MEDIAWEEK, v4, n18, p9(2)

May 2, 1994

ISSN: 1055-176X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1171

LINE COUNT: 00094

... makes a product a hit.

The AP's big new product is a \$16,000 Digital Electronic Camera developed with Kodak. The camera works without film, creating pictures composed of instantly transmittable digital code. As he introduced the camera, Boccardi asked an assistant to snap a couple in...

...later, the photo appeared on the large screen behind him. "If that were a news picture," Boccardi told the gaping audience, "it would now be beginning its 30-second journey to your newsroom." The auditorium filled with a charged silence, as the representatives from America's daily newspapers considered the implications of having, say, AP pictures from Johannesburg on their art directors' computer screen a minute after they were taken.

And...

24/3,K/6 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07255863 SUPPLIER NUMBER: 15355597 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Chains see photo's opportunities. (cameras and photofinishing services are growing for drug store chains) (Annual Report)

Symons, Allene

Drug Store News, v16, n7, p119(2)

April 25, 1994

ISSN: 0191-7587

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2032

LINE COUNT: 00157

... years, but it will influence the consumer from afar as the media spotlights the latest developments in the ongoing image odyssey. One example is Apple's just-announced digital camera, which uses no film and transmits directly to a computer.

Single use has potential

The percentage increase of single...

24/3,K/7 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2000 The Gale Group. All rts. reserv.

07249035 SUPPLIER NUMBER: 15217201 (USE FORMAT 7 OR 9 FOR FULL TEXT)

POLAROID OUTLINES STRATEGY FOR GROWTH AND HIGHER PROFITABILITY AT 57TH ANNUAL MEETING OF SHAREHOLDERS

PR Newswire, p0510NE009

May 10, 1994

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1071

LINE COUNT: 00098

... new electronic imaging products based on some of the company's long term research and development investments." The products include a digital scanner; image database software for the organization, storage and communication of images; an electronic still camera; film recorders for personal presentation; a video printer; and customized electronic imaging systems.

Polaroid has chosen...

24/3,K/8 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07068155 SUPPLIER NUMBER: 15350666

Kodak's new strategy: just pictures. (Eastman Kodak Chairman George M. C. Fisher announces plans to sell non-core businesses and concentrate on film and imaging markets)

Holusha, John

New York Times, v143 , Wed ed, col 3, pC1(N) pD1(L)

May 4, 1994

ISSN: 0362-4331

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: that the company will concentrate on its traditional film and camera businesses and expand into digital image processing sectors. Image processing is increasingly used among corporate clients to exchange digital images over computer networks. Investors who had exerted pressure on the company to reduce costs and improve economic performance...

24/3,K/9 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06789189 SUPPLIER NUMBER: 14858781 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The science discoveries of today could be the toys of tomorrow.

Rodden, Graeme

Canadian Chemical News, v45, n10, p13(2)

Nov-Dec, 1993

ISSN: 0823-5228

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1360 LINE COUNT: 00103

... the slide making kit from Tasco; Pinhole Photography, in which you can make your own camera and develop the film, from John Adams Toys, U.K.; an acid rain tester; and a range of mini...

...variety of topics for ages four years and up. They come from Science and Nature Distributors, Yarmouth, ME.

Finally, on the novelty side, there is the Love Meter. This is a...

24/3,K/10 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06353113 SUPPLIER NUMBER: 13438394

Photography by the numbers. (Hardware Review) (Eastman Kodak Co.'s DCS 200ci, Sony Corp. of America's MVC-7000 electronic cameras) (Reviews) (Evaluation)

Eglowstein, Howard

Byte, v18, n1, p241(3)

Jan, 1993

DOCUMENT TYPE: Evaluation

ISSN: 0360-5280

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: Sony MVC-7000 electronic still cameras are evaluated, and both are amazing. Electronic cameras capture images electronically without film. The DCS 200ci is a downsized version of the DCS 100. The 200ci is built around the smaller Nikon 8008 and looks and is used as a film camera, and its auto-focus and auto-exposure features make it as easy to use as...

...The back of the camera consists of a 1524 x 1012-pixel-resolution CCD array, image memory, hard drive, processing unit and batteries. The DCS 200ci is easy to use and takes great pictures. The Sony MVC-7000 is not really a digital camera in that it captures images on CCD elements but stores them as analog video still images on removable floppy disks, each of which can hold 25 complete video frames, or 50 images when stored as

fields. The MVC-7000 also takes great pictures and is easy to use. The resolution of both cameras is lower than that of...

24/3,K/11 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05932019 SUPPLIER NUMBER: 12848463
Smile for the computer. (digital photography) (includes related article on digital photography in space exploration)
Chien, Philip
Byte, v17, n12, p139(4)
Nov, 1992
ISSN: 0360-5280 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: **Digital photography** combines traditional photographic technology with computers to convert **images** into **digital** form and store and edit them. Conventional silver-halide film **images** remain superior for some applications, but **digital images** often resemble film **images** so closely that differences are not noticeable. **Digital** cameras are often used by news services and are ideal for inserting **graphics** into computer documents; they are also well suited for **developing** an **image** library. Kodak's PhotoCD technology stores **images** on CD-ROM, but the disks are not yet compatible with existing CD drives. A **digital** camera uses charge coupled devices (CCDs) to collect **images**. True **digital** cameras combine microprocessors with the optics of a **film camera**, focusing an **image** onto a CCD instead of a roll of film. Still-video cameras use non-standard 2-inch floppy disks to store **image** data in analog format. True **digital** cameras are limited in resolution only by the density of the light-sensitive pixels on the CCD; sophisticated units offering high resolution are very costly. Guidelines for selecting a **digital** camera are included.

24/3,K/12 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05914312 SUPPLIER NUMBER: 12418009 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Still video & digital camera systems. (includes related article)
Johnson, Patricia; Kilkelly, Jim
AVC Presentation Development & Delivery, v26, n4, p26(6)
April, 1992
ISSN: 1062-2683 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2779 LINE COUNT: 00215

... system" or series of steps employing various camera bodies, lenses, film, formats and controlled chemical **processes**. The photographer selects the camera and the type of film. Once the film is exposed, there are some decisions which can be made in the **processing** but the end of the imaging chain is at least close at hand. **Digital photography** calls into play a panorama of other technologies in which the cameras are just the beginning link in the "**Digital Imaging Chain**."

Ideally a new user should examine this entire chain before making a final...

24/3,K/13 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05802317 SUPPLIER NUMBER: 11959548 (USE FORMAT 7 OR 9 FOR FULL TEXT)
3M AND WESCO SIGN AGREEMENT TO DEVELOP FILM SCANNING STATION
PR Newswire, 0319A9877
March 19, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 320 LINE COUNT: 00026

... to inexpensively access existing microfilm archives within an imaging system.

Under the agreement, WESCO will develop a Microfilm Digitizing Station based on the 3M 7710 Reader-Scanner for use in EIM systems. The digitizing station will capture roll film and microfiche frames as digital images, format the images to the specification of the target EIM system, and then pass them via network to the EIM system.

Through use of the station, end users will be able to...

24/3,K/14 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05768938 SUPPLIER NUMBER: 11850511 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Zoran develops chip for Fuji. (Zoran Microelectronics, camera semiconductor chip)
Israel Business Today, v6, n259, p3(1)
Jan 10, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 251 LINE COUNT: 00019

TEXT:

Zoran Microelectronics has developed a chip for a revolutionary camera manufactured by Fuji of Japan. The chip was developed by the Israeli company, and will revolutionize the use of the camera, without making the instrument significantly larger or heavier. The camera operates without conventional film; 24 images are digitally recorded on the "chip". The images can be immediately retrieved for display on a monitor or television screen and can also...

...expected to drop below \$500 as production and sales increase. Zoran is also working on developments to enable transmission of the images over facsimile.

24/3,K/15 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

05590081 SUPPLIER NUMBER: 12119055 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Atlanta preparing to ... "let the games begin." (successful business presentations clinched Atlanta's hosting of the 1996 Olympics)
AVC Presentation Development & Delivery, v25, n10, p12(2)
Oct, 1991
ISSN: 1062-2683 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 755 LINE COUNT: 00060

... venue sites, cinematographers from Georgia State University shot views of the city using a 35mm film camera with an anamorphic wide-angle lens. The lens compressed enough image information into each frame to fill the three side-by-side video screens. The film images were expanded and transferred on Crawford's Rank Cintel C3 digital film transfer system to three D-2 format videotapes. Crawford's technical staff spent long...

...of the film had to be blown up full frame then registered to each subsequent image.

To create the systems's stunning, architecturally accurate graphics of the four new venues that...

24/3,K/16 (Item 16 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04863711 SUPPLIER NUMBER: 09515511 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DBA announces delivery of new high resolution digital imaging system. (DBA Systems, Inc.) (product announcement)
PR Newswire, 1018FL013
Oct 18, 1990
DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 223 LINE COUNT: 00018

... DBA Systems, Inc. (NASDAQ: DBAS) announces the delivery of its first turn-key High Resolution Digital Imaging System to the Defense Intelligence Community. The system is focused around a 4-12...

...of 9.5 inches by 9.5 inches. The digitizer supports both flat-sheet and roll film and is equipped with an automatic roll film handling system. A SUN 4/390-based image processing work station provides the capability to enhance image contrast and brightness, provide roam and zoom over the entire image, and transfer or retrieve the digital imagery to and from a Very Large Data Store (VLDS) device. The Digital Imaging System will be utilized by the Defense Community to satisfy its ever increasing digital image analysts, exploitation and archiving requirements.

-0- 10/18/90

/CONTACT: John L. Slack, chairman of...

24/3,K/17 (Item 17 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04783123 SUPPLIER NUMBER: 09261925 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PC Magazine generates complete pages, 200 every two weeks, on - what else?
-PCs. (Folio: Tech Trends)
Horton, Liz
Folio: the Magazine for Magazine Management, v19, n7, p63(2)
August 1, 1990
ISSN: 0046-4333 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1117 LINE COUNT: 00085

... Media's Collage; for image scanning and processing, he turns to Color Presentations' ColorLab.

A digital CCD camera may bring further savings in time and money for the 100 or so product shots that appear in each issue. With the digital camera, film is bypassed and photographs are sped directly from the in-house photo studio to the art department, where they...

...the page. Instead of taking up to a week and costing \$120 per photo., the process can be completed in an afternoon.

Kunkel's biggest problem has been solving work-group...

24/3,K/18 (Item 18 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04527997 SUPPLIER NUMBER: 08342847 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Shutter bug has bird's-eye view. (Pat Kelly's Sky-Shots Aerial Photography) (company profile)
Bowman, Wendy
Business Atlanta, v19, n2, p26(1)
Feb, 1990
DOCUMENT TYPE: company profile ISSN: 0192-0855 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 237 LINE COUNT: 00019

Kelly, president of Sky-Shots Aerial Photography, uses the \$20,000,

hand-maneuvered balloon to take photos from as low as 150 feet. FAA restrictions prohibit planes and helicopters from flying that low. He uses a remote -controlled TV monitor to manipulate the helium-filled contraption, which has a steel camera and video system attached to its underbelly. A motor drive winds the film , and adjusts the camera .

Developers and realtors are Kelly's best clients, using his photos for advertising, promotion or...

24/3,K/19 (Item 19 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04165560 SUPPLIER NUMBER: 08985747 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Reconnaissance: from kites and balloons to sensors. (Photonics in the Military)
Larson, Larry G.
Photonics Spectra, v23, n8, p105(4)
August, 1989
ISSN: 0731-1230 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2227 LINE COUNT: 00179

... aerial cameras with the introduction of electronic operation. This capability allowed remote operation of the camera . Lens quality and film characteristics were improved. Problems associated with aircraft vibration were addressed by using more sensitive Mm and large relative aperture lenses to achieve short exposure times, decreasing the image smear on the film.

CAI's Fred Sonne invented the strip camera, which moved the...

24/3,K/20 (Item 20 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03931150 SUPPLIER NUMBER: 07819721 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Grain company marketing 5M Soviet remote-sensing images ... no word on two-meter camera. (ContiTrade Services Corp.)
Arenstein, Seth; Hazelwood, Ed
Soviet Aerospace, v54, n13, p7(1)
June 26, 1989
ISSN: 0092-105X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 630 LINE COUNT: 00048

... centimeter film. Each frame captures an area of 60x60 miles. The firm is also marketing images produced by the recently declassified MK-4 camera. The camera has a resolution of six...

...visible spectrum into the near infrared (IR). Soyuzkarta officials said work is being done on developing IR sensors for remote -sensing, but balked when questioned about the possibility of electroptical sensors. Soviet reports indicate that...

...done on two-meter all-weather cameras; officials interviewed here had no knowledge of this development (SA, February 20, p. 8).

Several industry and U.S. government officials interviewed by SOVIET

...

24/3,K/21 (Item 21 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03852711 SUPPLIER NUMBER: 07284949 (USE FORMAT 7 OR 9 FOR FULL TEXT)
From screen to slide - affordably. (Hardware Review) (overview of evaluations of seven film recorders) (includes related article on a test of the recorders' output in a realistic slide show environment)

(evaluation)

Fersko-Weiss, Henry

PC Magazine, v8, n4, p199(27)

Feb 28, 1989

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5158

LINE COUNT: 00389

... need special software drivers and will work with just about any application.

THE DIGITAL DIFFERENCE

Digital film recorders are built very much like analog recorders. They too have an internal black...

...and blue filters to the film in a camera. The main difference is that the **image** on the film recorder's CRT is built up pixel by pixel and line by line from **digital** information passed through the computer's **processor**. This is the main reason that **digital** recorders are so much slower than their analog counterparts.

Since the digital information functions as...

24/3,K/22 (Item 22 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03482555 SUPPLIER NUMBER: 06452685 (USE FORMAT 7 OR 9 FOR FULL TEXT)

What America makes best. (improved quality of American-made goods; includes related articles on innovators, quality control and Crane Co.)

Knowlton, Christopher

Fortune, v117, n7, p40(9)

March 28, 1988

ISSN: 0015-8259

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4389

LINE COUNT: 00350

24/3,K/23 (Item 23 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03423592 SUPPLIER NUMBER: 06165402

Personnel applications of micro-based video.

Nardoni, Ren

Personnel Journal, v67, n1, p78(5)

Jan, 1988

ISSN: 0031-5745

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: The **development** of advanced video technology expands the use of microcomputers in personnel management, with declining software...

...software sophistication leading to a greater number of uses for this new technology. Joining video **processes** with microcomputers makes it possible to register live **pictures**, store them as **digital images**, and retrieve them later just like other computer-stored data. **Process** components include: an 'RGB' monitor, a microcomputer, **image** capture board, video **camera**, and **film** printer. Video is helpful in security applications such as employee identification programs. Video-based systems...

24/3,K/24 (Item 24 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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02971324 SUPPLIER NUMBER: 04399267 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The desktop studio; from video to computers to offset press. (prepress imaging - computer-aided publishing)

Schafer, Lenny

Sept, 1986

ISSN: 0017-3312

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1319

LINE COUNT: 00107

... mind--as opposed to video or slide output.

Transparency first

The way almost all computer **graphic images** end up in print is by being cast onto a transparency first. This computer generated **digital image** is converted to an analog film transparency. This transparency includes all the media artifacts of the **camera** and **film**; scan lines, chromatic and spherical aberrations, and film grain. Now this wonderfully crisp computer **image** saved on this fuzzy transparency goes to the color separator for prepress **processing**. What happens to this **image**? It gets scanned! What scan means is it gets converted back into a **digital** form so it can be plotted out to litho film separations. Because the scanners pick up all the film transparency distortions the value of computer **graphics** in print has been limited. The larger the **image** needs to be produced, the more obvious the distortions. Pick up any computer **graphics** magazine today and you will rarely see a full page computer **graphic image** --unless the **image** has been **digitally** separated by **Image-Set**.

So in the process of the image going from digital to analog film and

...

24/3,K/25 (Item 25 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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02326871

SUPPLIER NUMBER: 03746164

(USE FORMAT 7 OR 9 FOR FULL TEXT)

NAB 85; getting technical in Las Vegas. (technology wrapup)

Broadcasting, v108, p42(10)

April 29, 1985

ISSN: 0007-2028

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 8740

LINE COUNT: 00689

... controlling interest in film camera manufacturer Panavision, and is involved in a variety of motion **picture** and **network** television projects.

Also making business moves to firm up the position of its own innovative...

24/3,K/26 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01724982

SUPPLIER NUMBER: 15999717

(USE FORMAT 7 OR 9 FOR FULL TEXT)

A world of digital images. (image sources for multimedia presentation software) (Stop Playing Games: An Entrepreneur's Guide to Multimedia) (Tutorial) (Cover Story)

Ozer, Jan

Home Office Computing, v12, n12, p76(1)

Dec, 1994

DOCUMENT TYPE: Tutorial Cover Story

ISSN: 0899-7373

LANGUAGE:

ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 840

LINE COUNT: 00064

ABSTRACT: There are several sources for **digital images** for multimedia presentations, including PhotoCDs, **digital** cameras and collections of **images** on CD-ROMs. **Digital images** add interest to a presentation and often convey much more than text. Kodak's PhotoCD technology enables the import and storage of photo negatives or slides in **digital** formats on CD-ROMs. **Camera** stores and **film developers** store each **image** on the disk in five resolutions ranging from 192-by-128 pixels to 3,072-by-2,048 pixels. A sample per-slide fee is \$2.19. A **digital** camera such as Apple's \$749 QuickTake 100 or Logitech's \$799 FotoMan Plus can take, respectively,

24-bit color or gray-scale **digital images** for storage in RAM and direct uploading into computers. A number of companies offer royalty-free collections of photographic **images** and/or vector-based drawings on CD-ROMs. Example products from Corel, CMCD and IMSI...

24/3,K/27 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01710450 SUPPLIER NUMBER: 16210391 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hot stuff for the holidays. (brief reviews of multimedia hardware and software products) (Hardware Review) (Multimedia Direct) (Evaluation)
Keizer, Gregg
Computer Shopper, v14, n12, p824(3)
Dec, 1994
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1532 LINE COUNT: 00120

... conspicuous place--taped to the refrigerator, perhaps. Maybe someone will get the hint.

QuickTake 100 **Digital Camera**
Forget the **film**. With Apple Computer Inc.'s QuickTake 100, a compact **digital** color camera, you can snap **photos** of family and friends without a single roll from Kodak. About the size of a...

...of binoculars, the point-and-shoot QuickTake can take and save as many as 32 **pictures** at the low resolution of 320x240 pixels, or eight shots at 640x480. Simple controls let you switch between resolutions and arm the flash. Once you've **filled** up the QuickTake's memory, you may connect the camera to either a Mac or...

...PC (for the latter, you'll need a \$99 optional connection kit) to view your **images** onscreen or save them to your hard drive. Fire up a color inkjet printer, and...

24/3,K/28 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01695556 SUPPLIER NUMBER: 16190402 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Make your digital images shine. (techniques for sharpening, blurring, embossing) (PC Tech: Tutor) (Column) (Tutorial)
Prosise, Jeff
PC Magazine, v13, n15, p319(3)
Sept 13, 1994
DOCUMENT TYPE: Tutorial ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1495 LINE COUNT: 00109

TEXT:

...them to bitmapped images, and then store those images on your hard disk. With a **digital** camera such as Apple's recently introduced QuickTake 100, you can capture images directly. If you have neither a scanner nor a **digital** camera but have access to a conventional film camera and a CD-ROM drive, you can snap your **pictures** and send them off for Kodak Photo CD **processing**: You'll get back a CD containing the **images** ready to be read into your computer.

24/3,K/29 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01591248 SUPPLIER NUMBER: 13703591 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Photo CD: the big picture. (Kodak's Photo CD digital photography storage product) (includes related articles on Photo CD drives and players and on use of the technology to create interactive presentations) (Desktop Publishing)

Guglielmo, Connie

MacUser, v9, n5, p177(7)

May, 1993

ISSN: 0884-0997

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4029

LINE COUNT: 00302

... in the future.

Photo CD 101

With Photo CD, Kodak found a way to drive **photography** into the **digital** world without having to **develop** new **camera** equipment and **film**. Kodak combined preexisting and new technology into a system that lets photo finishers store **processed** film in **digital** form on low-cost CD-ROMs.

In June 1992, Kodak released the Photo CD Imaging...

24/3,K/30 (Item 5 from file: 275)

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01581934 SUPPLIER NUMBER: 13384424 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Consumer Electronics Show: IBM cellular phone/PC. (IBM Personal Communicator) (Product Announcement)

Rohrbough, Linda

Newsbytes, NEW01080026

Jan 8, 1993

DOCUMENT TYPE: Product Announcement

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 694 LINE COUNT: 00054

... the Consumer Electronics Show, IBM's Jack Kuehler also announced an agreement with Polariod to **develop** technology for capturing color **digital images** directly without the use of conventional **film processing**.

Polariod's **camera** and instant-print technology is being combined with IBM's computer technology to capture **digital** images directly on a mobile or desktop computer. Kuehler claims the quality is two to...

24/3,K/31 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01515362 SUPPLIER NUMBER: 12139306 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Report from Digital '92: digital imaging comes of age. (the Digital '92 conference on digital photography)

Karsch, Arlene E.

Seybold Report on Publishing Systems, v21, n15, p3(13)

April 27, 1992

ISSN: 0736-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 10291 LINE COUNT: 00833

... on a 30mm-square chip.

The detector surface lies in the same surface plane as **film**, so the **camera**'s viewfinder remains the user's reference for composing and focusing a shot. When the photographer activates the shutter, the data stream is sent from the detector to a proprietary **digital** signal **processor** that occupies a NuBus slot in a Macintosh. Shortly after shutter release (in about two seconds), the **image** appears on the Macintosh display. Macintosh-based software for the camera provides **image** cropping, toning, sharpening, rotation and RGB-TO-CMYK conversion. The pixel density is 14 bits per CCD; full-frame **images** are approximately 8-12 MB in size.

Leaf initially is positioning the camera for studio...

24/3,K/32 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01504839 SUPPLIER NUMBER: 11992160 (USE FORMAT 7 OR 9 FOR FULL TEXT)
3M, Wesco to develop film scanner for electronic imaging. (West Coast Information Systems Inc.)
Mallory, Jim
Newsbytes, pNEW03230005
March 23, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 262 LINE COUNT: 00021

... to be transferred to the newer electronic imaging storage systems.
Under the agreement, WESCO will **develop** a microfilm digitizing station based on 3M's 7710 reader scanner, for use in EIM systems. The digitizing station will capture **roll film** and microfiche frames as **digital images**, format the **images** to the specification of the target EIM system, and then pass them via a **network** to the EIM system.
3M said that because the digitizing station is directly connected to
...

24/3,K/33 (Item 8 from file: 275)
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01423141 SUPPLIER NUMBER: 10500990 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Redlake appoints Euro-distributor. (Computer General)
Gold, Steve
Newsbytes, NEW03120023
March 12, 1991
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 213 LINE COUNT: 00017

TEXT:

REDLAKE APPOINTS EURO-DISTRIBUTOR 03/12/91 MORGAN HILL, CALIFORNIA, U.S.A., 1991 MAR 12 (NB) -- Redlake, which claims to be a leader in the electronic **image processing** and high speed **film camera** markets, has appointed Computer General as its European **distributor** .

24/3,K/34 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01411771 SUPPLIER NUMBER: 09698171
Your face on television. (Eastman Kodak Co introduces Photo CD compact disk-based photograph storage system) (product announcement)
Hundertmark, Jane
Publish, v6, n1, p19(2)
Jan, 1991
DOCUMENT TYPE: product announcement ISSN: 0897-6007 LANGUAGE:
ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Eastman Kodak Co (Rochester, NY) introduces the Photo CD compact disk-based **digital** storage system for storing, displaying and editing **photographs** . Photofinishers employing the Kodak technology will offer customers the choice of having some or all of a **roll film** stored on a blank Photo CD in addition to usual slides or prints. Each Photo CD will hold up to 100 **images** at a cost of about \$20 for each 24 **photographs** . A microcomputer with an attached CA ROM XA drive can be used to view and edit the **photographs** . A special CD player will enable the **photographs** to be displayed on a television set. The commercial Photo CD photofinishing system will cost about \$100,000 and includes a Sun Microsystems workstation

and Kodak film scanner, **image** manipulation software and color thermal printer. The system and software **development** tools for applications **developers** will ship in 1992.

24/3,K/35 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01375357 SUPPLIER NUMBER: 09543759 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fuji photo film announces digital camera system. (Fuji Digital Still Camera System) (product announcement)
Takahashi, Ken
Newsbytes, NEW10050010
Oct 5, 1990
DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 245 LINE COUNT: 00018

TEXT:

FUJI PHOTO **FILM** ANNOUNCES **DIGITAL CAMERA SYSTEM** TOKYO, JAPAN,
1990 OCT 5 (NB) -- Japan's top photosensitive materials maker Fuji Photo
Film says it has successfully **developed** a **digital** still camera system
which allows a personal computer to store and transmit a **picture** .

24/3,K/36 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01168390 SUPPLIER NUMBER: 04240850
Lasergraphics MPS-2000: putting it all on film: screen cameras and film recorders. (Hardware Review) (evaluation)
Rosch, Winn L.
PC Week, v5, n9, p188(2)
May 13, 1986
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: Lasergraphics Inc. consists of a modified Polaroid Palette for the imaging operation and a proprietary **image processor** , and the Lasergraphics **Digital** Controller with Full-Function Control Panel, which makes most software unnecessary. The \$6,995 system (with a 35mm **camera** and **film** pack **camera** backs, either Lasergraphics language or the Hewlett-Packard **Graphics** Language, and 256Kbytes of RAM) requires a serial port, and offers several advantages over plotters, including time saving by making it unnecessary to **photograph** plotter output and allowing transparencies to be plotted in only a minute, and in providing...

24/3,K/37 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01076907 SUPPLIER NUMBER: 00546435
DEC, Polaroid in Marketing Deal.
Electronic News, v30, n1493, p28
April 16, 1984
ISSN: 0013-4937 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: **Digital** Equipment Corp. (DEC) and Polaroid will jointly market a new **graphics** device for the DEC Rainbow personal computer. Palette enables the Rainbow to generate 35mm color slides. The Palette package consists of a 35mm **camera** , computer interface, **film processor** , and slide monitor. It sells for \$1,499. Versions of Palette are available for the...

24/3,K/38 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02310528 Supplier Number: 44486960 (USE FORMAT 7 FOR FULLTEXT)

Apple launches digital camera

Business Computing Brief, pN/A

March 3, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 154

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Apple says its new **digital** camera, the QuickTake 100, makes it easy to bring photographic **images** into a computer without **developing film** or scanning. The **camera**, which will work with both desktop and portable models of Macintosh and Windows computers, features...

...flash and adjustable lens, that users expect from an automatic camera. The QuickTake 100 captures **images** in two sizes, 320x240 and 640x480 pixels, and can store up to 32 standard -resolution or eight high-resolution **images**. Stored **images** are transferred to a computer via the printer or modem port and, once loaded, can...

24/3,K/39 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01991319 Supplier Number: 43571412 (USE FORMAT 7 FOR FULLTEXT)

Consumer Electronics Show: IBM Cellular Phone/PC 01/08/93

Newsbytes, pN/A

Jan 8, 1993

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 640

... the Consumer Electronics Show, IBM's Jack Kuehler also announced an agreement with Polaroid to **develop** technology for capturing color **digital images** directly without the use of conventional **film processing**.

Polaroid's **camera** and instant-print technology is being combined with IBM's computer technology to capture **digital** images directly on a mobile or desktop computer. Kuehler claims the quality is two to...

24/3,K/40 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01804632 Supplier Number: 43041143 (USE FORMAT 7 FOR FULLTEXT)

Electronic Still Camera Flies On Shuttle

Optical Materials & Engineering News, v2, n10, pN/A

June, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 230

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...1992. The project is sponsored in part by the Office of Commercial Programs, with hardware **development** provided by Johnson Space Center, and post-flight analysis by Autometric, Inc. Autometric has a...

...near real-time applications. The ESC is a handheld camera that

electronically captures and produces **digital images** with near **film** -quality resolution. The **camera** uses a Loral CCD and supports either a 1K x 1K or a 2K x...

...spectral-band imaging. The ESC also flew on STS-49, during which researchers down-linked **images** in near real time and conducted on-board **processing** of the **images** using a portable computer. The ESC was used in the successful capture and release of...

24/3,K/41 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01739127 Supplier Number: 42852189 (USE FORMAT 7 FOR FULLTEXT)
3M, Wesco To Develop Film Scanner for Electronic Imaging 03/23/92
Newsbytes, pN/A
March 23, 1992
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 242

... to be transferred to the newer electronic imaging storage systems.
Under the agreement, WESCO will **develop** a microfilm digitizing station based on 3M's 7710 reader scanner, for use in EIM systems. The digitizing station will capture **roll film** and microfiche frames as **digital images**, format the **images** to the specification of the target EIM system, and then pass them via a **network** to the EIM system.
3M said that because the digitizing station is directly connected to
...

24/3,K/42 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01702525 Supplier Number: 42744883 (USE FORMAT 7 FOR FULLTEXT)
Kodak Fun Saver TeleFoto 35 Single-Use Camera MANUFACTURER: Eastman Kodak
Company CATEGORY: Miscellaneous
Product Alert, v22, n6, pN/A
Feb 10, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 150

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...in March as the fifth in the series. Featuring a telephoto lens and high-speed **film**, this **camera** "enables **picture** -takers to get close-up color **images** of **distant** subjects." Because of the telephoto lens, the film **image** is more than twice the size of one from a conventional single-use camera. Intended for **picture** -taking in daylight or brightly lit areas, the Camera is loaded with a 24-exposure...

...After taking 24 exposures, consumers simply bring the camera to the photofinisher, who removes and **processes** the film and can return the camera components to Kodak for recycling. Eastman Kodak Company...

24/3,K/43 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01597093 Supplier Number: 42410733 (USE FORMAT 7 FOR FULLTEXT)
DIGITAL COMPRESSION USED IN STILL VIDEO
Screen Digest, pN/A
Oct, 1991

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 175

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...106, Japan; +81/3/3406-2111) is claimed to feature first commercial application of an **image** compressing integrated circuit. Adaptive Discrete Cosine Transform (ADCT) compression algorithm enables up to 21 video **images**, each of 400,000 pixels, to be **digitally** stored on a 20-pin 8Mb memory card. Price of new camera is Y680,000 (\$4,974). Stored **images** can be transferred from the card to computer via a memory card **processor** that costs \$3,300.

24/3,K/44 (Item 7 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01443458 Supplier Number: 41930059 (USE FORMAT 7 FOR FULLTEXT)

REDLAKE APPOINTS EURO-DISTRIBUTOR 03/12/91

Newsbytes, pN/A

March 12, 1991

Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 198

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...A., 1991 MAR 12 (NB) -- Redlake, which claims to be a leader in the electronic **image processing** and high speed **film camera** markets, has appointed Computer General as its European **distributor**.

24/3,K/45 (Item 8 from file: 636)

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01142771 Supplier Number: 40925488 (USE FORMAT 7 FOR FULLTEXT)

Perspective

Screen Digest, pN/A

Sept, 1989

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 669

... medium for any HDTV system of the future: Joerg Agin of Kodak forecast the rapid **development** of **digital image** manipulation systems to convert the original **camera film image** into **digital** data for all post-production stages, including special effects, with subsequent transfers of the final...

24/3,K/46 (Item 9 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01116965 Supplier Number: 40837991 (USE FORMAT 7 FOR FULLTEXT)

NO WORD ON TWO-METER CAMERA

Soviet Aerospace, v53, n13, pN/A

June 26, 1989

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 307

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

ContiTrade will market **images** taken by the five-meter resolution KFA-1000 **camera** using 30x30 centimeter **film**. Each frame captures an area of 60x60 miles. The firm is also marketing **images** produced by the recently declassified MK-4 camera. The camera has a resolution of six...

...visible spectrum into the near infrared (IR). Soyuzkarta officials said work is being done on **developing** IR sensors for **remote** -sensing, but balked when questioned about the possibility of electroptical sensors. Soviet reports indicate that...

...done on two-meter all-weather cameras; officials interviewed here had no knowledge of this **development** (SA, February 20, p. 8).